

FILE NOTATIONS

Entered in Log File
 Checked by Chief
 and Inspector
 Disposition Letter

Checked by Chief
 Disposition Letter
 Disposition Letter

RMB
6-11-73

COMPLETION DATA:

Date Well Completed *11-21-73*

Location Inspected

OW NW EA

Bond released

GW OS PA

State or Fee Land

LOGS FILED

Driller's Log

Electric Log (No.)

E. I. Dual I. Log. GR-M. Micro.

BHO Sonic CR. Log. MI-L. Sonic.

CBLog. CCLog. Others.

THE STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
 OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR Shell Oil Company (Rocky Mtn Div. Production)
 Duncan (Walter, Vincent & Raymond)

3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 1450' FNL and 1703' FEL Sec 34
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 7 miles N of Duchesne

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 1450' from sec line
 (Also to nearest drig. line, if any) 200' from lease line

16. NO. OF ACRES IN LEASE 133.5

17. NO. OF ACRES ASSIGNED TO THIS WELL 640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. One mile

19. PROPOSED DEPTH 11,700'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5831 GL (Ungraded)

22. APPROX. DATE WORK WILL START* 6-17-73

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	68#	300'	550 cu ft
12 1/4"	9 5/8"	40#	6,700'	800 cu ft
8 3/4"	7"	26#	10,500'	500 cu ft
6 1/8"	5" liner	18#	11,700'	300 cu ft

As per attached survey plat and Summary of Mud System Monitoring Equip, BOP Equip, and Mud.

139-3/139-4
 De

Approval to drill obtained from Scheree DeRose by C. W. Van Kirk 6-1-73.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED K. J. Jordan TITLE Division Operations Engr. DATE June 7, 1973

(This space for Federal or State office use)

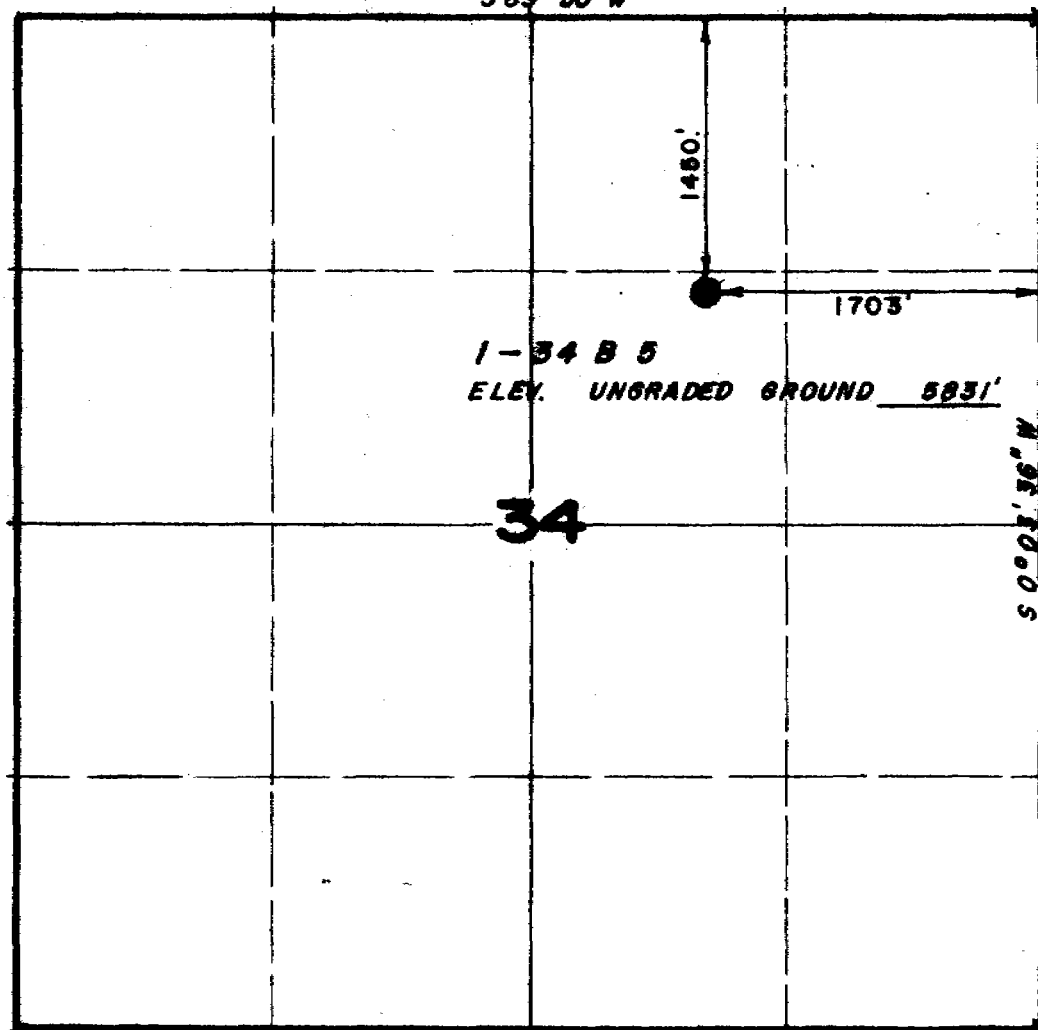
PERMIT NO. 43-013-30230 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

T2S, R5W, U.S.M.

S 89° 55' W



1-34 B 5
ELEV. UNGRADED GROUND 5831'

34

N 93° 10' 00" S

X = Corners Found & Used.

PROJECT
SHELL OIL COMPANY

Well location, **1-34 B 5**, located
as shown in the SW1/4 NE1/4
Section 34, T2S, R5W, U.S.M.,
Duchene County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

John Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 14 May 1973
PARTY G.S., D.A., H.M., N.D. & R. GLO Plat.	REFERENCES
WEATHER Warm	FILE Shell Oil Co.

Mud System Monitoring Equipment

Equipment will be installed (with derrick floor indicators) and used throughout the period of drilling after setting and cementing intermediate string or upon reaching a depth at which abnormal pressures could occur.

BOP Equipment

300' - TD - 3-ram type BOP's and 1 bag type
5000# working pressure

Tested when installed. Operative every trip and tested to 5,000 psi every 14 days. All information recorded on Tour sheets and daily drilling wire.

Mud

Surface - 10,000' - Clear water
Circulate reserve pit
Flocculate as necessary

10,000' - TD - Weighted gel chemical

June 11, 1973

Shell Oil Company
1700 Broadway
Denver, Colorado

Re: Well No's:
Shell-Gulf-Brotherson #1-24B4
Sec. 24, T. 2 S, R. 4 W,
Shell-Duncan-Murdock #1-34B5
Sec. 34, T. 2 S, R. 5 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the Order issued in Cause No. 139-3/139-4.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API numbers assigned to these wells are:

#1-24B4:	43-013-30229
#1-34B5:	43-013-30230

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:s

STATE OF UTAH

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. Patented	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Shell Oil Company (Rocky Mtn Div. Production) Duncan				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202				8. FARM OR LEASE NAME Murdock	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1450' FNL and 1703' FEL Sec 34 At top prod. interval reported below At total depth				9. WELL NO. 1-34B5	
14. PERMIT NO. 43-013-30230 DATE ISSUED 6-11-73				10. FIELD AND POOL, OR WILDCAT Altamont	
15. DATE SPUDDED 6-24-73 16. DATE T.D. REACHED 9-8-73 17. DATE COMPL. (Ready to prod.) 11-21-73 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5831 GL, 5857 KB				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SW/4 NE/4 Section 34-T 2S-R 5W	
20. TOTAL DEPTH, MD & TVD 11,700 21. PLUG, BACK T.D., MD & TVD 11,655 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY →				12. COUNTY OR PARISH Duchesne	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wasatch and Flagstaff perms 9,979-11,603				13. STATE Utah	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, BHCS-GR w/cal, CNL-FDC, CBL, VDL and PDC				19. ELEV. CASINGHEAD 26.5'	
27. WAS WELL CORED No				25. WAS DIRECTIONAL SURVEY MADE No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	68#	254'	17 1/2"	488 SX	0
9 5/8"	40#	5249'	12 1/4"	860 CF	0
7"	26#	10,106'	8 3/4"	720 SX	0
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
5"	9882	11,698	354		
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
As per attachments					
33.* PRODUCTION					
DATE FIRST PRODUCTION 11-21-73		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 12-10-73	HOURS TESTED 24	CHOKE SIZE 12/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 733	GAS—MCF. 1165
				WATER—BBL. 3	GAS-OIL RATIO 1587
FLOW. TUBING PRESS. 3150	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL—BBL. 733	GAS—MCF. 1165	WATER—BBL. 3
					OIL GRAVITY-API (CORR.) 46.5° API
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used on rig, sold to Mtn Fuel and remainder flared					TEST WITNESSED BY
35. LIST OF ATTACHMENTS Well Log and History, Csg and Cmtg Details					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>J. S. Mize</u>		TITLE Division Operations Engr.		DATE 1-2-74	

*(See Instructions and Spaces for Additional Data on Reverse Side)

Shell-Duncan-Murdock
1-34B5
(D)
11,700' Wasatch Test
KB 5858', GL 5831'
5" liner @ 11,698'

TD 11,700. PB 11,655. (RRD 10/8/73). Prep to flow to clean up. MI&RU OWP on 11/19/73. Perf'd unidirectionally using magnetic decentralized 2" steel tube carrier gun w/JRC-DP Sidewinder charges. Depths to 9995 refer to CNL-FDC log dated 7/27/73 and depths below 9995 refer to CNL-FDC log dated 8/9/73. Perf'd one hole at each of the following depths: Run #1: 9979, 9980, 9981, 9990, 9991, 9992, 9993, 10,141, 10,142, 10,143, 10,189, 10,190, 10,191, 10,274, 10,275, 10,276, 10,359, 10,361, 10,362, 10,363, 10,373, 10,374, 10,375, 10,376, 10,399, 10,400, 10,401, 10,413, 10,414, 10,415, 10,416, 10,425, 10,426, 10,427, 10,612, 10,613, 10,614, 10,615, 10,659, 10,795, 10,796. Press from 1150 to 2400 psi. Run #2: 10,857, 10,858, 10,859, 10,860, 10,861, 10,955, 10,956, 11,114, 11,115, 11,116, 11,117, 11,130, 11,131, 11,146, 11,147, 11,250, 11,251, 11,267, 11,268, 11,269, 11,270, 11,336, 11,339, 11,350, 11,365, 11,366, 11,367, 11,487, 11,488, 11,491, 11,492, 11,493, 11,494, 11,602, 11,603. Press from 2850 to 2650 psi. (Perf'd total of 76 holes.). RD OWP. MI&RU B-J and AT gross perfs 9979-11,603 w/23,750 gal 15% HCl. Each 1000 gal contained 3 gal G-10, 3 gal C-15, 3 gal J-22, 30# OS-160 Wide Range Unibeads and 30# OS-160 Button Unibeads. Flushed w/3738 gal FW w/each 1000 gal containing 165# NaCl and 3 gal G-10. Pmpd trtmt as follows: 40 bbls acid, dropped one 7/8" RCN ball sealer w/1.24 gr, pmpd 7 bbls acid. Repeated one ball sealer and 7 bbls acid 74 times. Pmpd flush wtr. Max press 7900 psi, avg 5300 psi, min 4500 psi. Max rate 9 B/M, avg 7.6 B/M, min 7.5 B/M. ISIP 4400 psi decr to 4200 psi in 5 min, to 4100 psi in 10 min, to 3900 psi in 15 min, to 3800 psi in 20 min. RD B-J.

Shell-Duncan-Murdock
1-34B5
(D)
11,700' Wasatch Test
KB 5858', GL 5831'
5" liner @ 11,698'

TD 11,700. PB 11,655. Prep to flow. SI, no burn permit.

NOV 21 1973

OIL WELL

ALTAMONT

SHELL OIL COMPANY-DUNCAN-

LEASE

MURDOCK

L NO.

1-34B5

DIVISION

ROCKY MOUNTAIN ELEV

5857 KB

FROM: 6-25- 12-11-73

COUNTY

DUCHESNE

STATE

UTAH

UTAHALTAMONT

Shell-Duncan-Murdock
1-34B5

(D) Parker #124

11,700' Wasatch Test

"FR" 131/61/1/131. WO LCM pill.

Located 1450' FNL and 1703' FEL (SW/4 NE/4) Section 24-
T2S-R5W, Duchesne County, Utah.

Elev: 5831 GL (ungraded)

JUN 25 1973

Shell Working Interest: 99.91%

This is a routine Wasatch development well.

Spudded 17½" hole @ 6 AM, 6/24/73. Unplugged flowline
and bit. Tripped for second bit, reamer and stab.

Started losing circ @ 131'.

Mud: (.468) 9 x 60

Shell-Duncan-Murdock
1-34B5

(D) Parker #124

11,700' Wasatch Test

256/61/2/125. Tripping to run csg. Dev: 3/4° @ 256.
Sptd LCM pill and waited 2 hrs.

Mud: (.494) 9.5 x 83

JUN 26 1973

Shell-Duncan-Murdock
1-34B5

(D) Parker #124

11,700' Wasatch Test

256/61/3/0. Testing Bradenhd. Ran 6 jts (262')

13-3/8", K-55, ST&C, 68# csg and set shoe @ 254,

centralizers @ 248 and 212, FC @ 166. Cmtd w/

258 sx B-J Lite w/2% CaCl₂. Tailed in w/230 sxClass "C" w/2% CaCl₂. CIP @ 12:45 PM, 6/26. WOC

11 hrs. Cut off csg and welded bradenhd.

JUN 27 1973

Shell-Duncan-Murdock
1-34B5

(D) Parker #124

11,700' Wasatch Test

13-3/8" csg @ 254'

350/61/4/94. Drilling. Cmtd top of csg and Bradenhd
landing base. Nipped up BOP's and chk manifold, testing
same. Drld float, cmt and shoe.

Mud: Wtr JUN 28 1973

Shell-Duncan-Murdock
1-34B5

(D) Parker #124

11,700' Wasatch Test

13-3/8" csg @ 254'

1261/61/5/911. Tripping for new bit. Dev: 3/4° @ 355
and 855. Picked up reamer and stab. Laid down 3 jts

DP and picked up 3 DC's. Washed 60' to btm. JUN 29 1973

Mud: Wtr

Shell-Duncan-Murdock
1-34B5

(D) Parker #124

11,700' Wasatch Test

13-3/8" csg @ 254'

6/30: 1817/61/6/556. Drilling. Laid down kelly and

straightened kelly. Installed rotating rubber and

drive bushing. Dev: 1° @ 1261 and 3/4° @ 1778.

Mud: Wtr, air and foam

7/1: 2420/61/7/603. Drilling. Dev: 3/4° @ 2012.

Tripped for new bit @ 2012. Turned pins in reamer.

Washed 60' to btm.

Mud: Wtr

7/2: 2845/61/8/425. Drilling. Dev: 3/4° @ 2604.

Tripped for new bit @ 2604. Changed out reamer. Washed
60' to btm.

Mud: Wtr JUN 2 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
13-3/8" csg @ 254'

3400/61/9/555. Drilling. JUL 3 1973
Mud: Wtr

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
13-3/8" csg @ 254'

7/4: 4093/61/10/693. Drilling.
7/5: 4600/61/11/507. Drilling. Dev: 3° @ 4076 and
2° @ 4263. Tripped in w/new bit @ 4263 and washed 50'
to btm.
Mud: Wtr JUL 5 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
13-3/8" csg @ 254'

5250/61/12/650. Tripping. Short tripped - had 50' fill.
Pulled 4 stds trying to unplug bit. Started trip out
w/plugged bit. JUL 6 1973
Mud: Wtr

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
9-5/8" csg @ 5249

7/7: 5250/61/13/0. RU to run 9-5/8" csg. Tripped
in - fill @ 5050. Displaced wtr in hole w/mud.
Washed 200' to btm. Circ and built vol, short tripped
and circ 1 hr. Strapped out w/DP, laying down same.
Attempted to pull wear sleeve - hanging in top of Hydril.
Nippled down rot. hd and Hydril. Pulled wear sleeve -
sleeve swelled at top. Nippled up Hydril and rot. hd.
Mud: (.452) 8.7 x 72 x 10
7/8: 5250/61/14/0. Nippling up. Ran 125 jts 9-5/8"
K-55, 40#, ST&C csg w/shoe @ 5249 and baffle @ 5157.
Cmtd w/625 cu ft B-J Lite followed by 235 cu ft Class
"G" w/0.05 R-5. Bumped plug w/2000 psi. CIP @ 5:30 PM,
7/7. Cmt returns throughout job. Cmtd 9-5/8" x 13-3/8"
annulus w/300 sx Class "G" w/3% CaCl₂. Final press 100
psi.
7/9: 5644/61/15/394. Drilling. Tested BOPE to 5000
psi and Hydril to 3000 psi, OK. Tested csg to 2000 psi.
DO FC and shoe. JUL 9 1973
Mud: Wtr

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
9-5/8" csg @ 5249'

6464/61/16/820. Tripping out for new bit.
Mud: Wtr JUL 10 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
9-5/8" csg @ 5249'

7033/61/17/569. Drilling. Dev: 3 $\frac{1}{2}$ ° @ 6464. Tripped
in w/new bit and washed to btm. Well flwd while making
connection - zero DP and annulus press's. Circ blk oil
and gas through gas buster. JUL 11 1973
Mud: Wtr

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
9-5/8" csg @ 5249'

7221/61/18/188. Drilling. Well started flowing over
drlg nipple. SI well - zero DP and annulus press's.
Flow checked @ 1 bbl/11 sec. Mudded up to 8.8 ppg.
Wtr flow checked @ 41,000 ppm NaCl. Pulled 7 stds and
gained 16 bbls. Ran back to btm and cond mud to 9 ppg.
Mud: (.468) 9 x 34 JUL 12 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
9-5/8" csg @ 5249'

7647/61/19/426. Drilling. Dev: 3° @ 7131.
Mud: (.473) 9.1 x 35 x 9.1

JUL 13 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
9-5/8" csg @ 5249'

7/14: 7836/61/20/189. Drilling. Dev: 2-3/4° @ 7720.
Slugged pipe and tripped for new bit @ 7720. Washed
and reamed to btm.

Mud: (.473) 9.1 x 35 x 9.0

7/15: 8102/61/21/266. Drilling.

Mud: (.473) 9.1 x 34 x 9.8

7/16: 8249/61/22/147. Drilling.

Mud: (.483) 9.3 x 34 x 9.8

JUL 16 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
9-5/8" csg @ 5249'

8494/61/23/245. Drilling. Dev: 3° @ 8155
Mud: (.483) 9.3 x 34 x 9.7

JUL 17 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
9-5/8" csg @ 5249'

8714/61/24/220. Drilling. Changed bit @ 8615.
Mud: (.488) 9.4 x 34 x 9.4

JUL 18 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
9-5/8" csg @ 5249'

9042/61/25/328. Drilling. Hole sloughing. Connections
tight.

Mud: (.494) 9.5 x 35 x 9.7

JUL 19 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
9-5/8" csg @ 5249'

9435/61/26/393. Drilling.
Mud: (.504) 9.7 x 35 x 9.7

JUL 20 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
9-5/8" csg @ 5249'

7/21: 9568/61/27/133. Drilling. Dev: 4° @ 9485.
Changed bit @ 9485.
Mud: (.514) 9.9 x 35 x 9.0 (9.6#/bbl LCM)
7/22: 9675/61/28/107. CO bridges @ 9415. CO bridge
@ 8300' and intermittent bridges from 9225-9415.
Hole sloughing shale.

Mud: (.525) 10.1 x 37 x 9.2 (8.65#/bbl CLM)
7/23: 9763/61/29/88. Drilling. Washed to btm from
9415-9675. Tripped in w/new bit @ 9726 w/no bridges.
Background gas: 10 units. Connection gas: 30 units.
Trip gas: 70 units.
Mud: (.525) 10.1 x 35 x 6.2 (9.4#/bbl LCM) JUL 23 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
9-5/8" csg @ 5249'

9902/61/30/139. Drilling. Background gas: 40-50 units.
Connection gas: 70 units.
Mud: (.525) 10.1 x 35 x 6.5 (7#/bbl fine hulls) JUL 24 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
9-5/8" csg @ 5249'

9983/61/31/81. Drilling. Changed bit @ 9952. Back-
ground gas: 25-35 units. Connection gas: 70 units.
Trip gas: 200 units.
Mud: (.540) 10.4 x 36 x 4.8 (9.6#/bbl LCM) JUL 25 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
9-5/8" csg @ 5249'

10,110/61/32/127. Drilling. Circ out GC mud 2 hrs.
Background gas: 60 units. Connection gas: 300-400
units.
Mud: (.561) 10.8 x 36 x 4.9 (9.2#/bbl LCM) JUL 26 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
9-5/8" csg @ 5249'

10,125/61/33/15. Logging. Dev: 4° @ 10,125. Circ and
cond GCM for 6½ hrs. Short tripped and circ btms up.
Ran DIL and BHCS-GR w/cal. Lost 14 bbls mud while logging.
Mud: (.561) 10.8 x 36 x 4.9 (9.2#/bbl LCM) JUL 27 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
7" csg @ 10,106'

7/28: 10,106/61/34/0. RD lay-down machine and breaking kelly connections. Finished logging. RD Schl. Washed 30' to btm. Circ and cond mud 2½ hrs. Laid down DP and DC. Made SLC: 10,125 = 10,106.

Mud: (.572) 11.0 x 36

7/29: 10,106/61/35/0. Press testing BOPE. Ran 243 jts 7", 26#, N-80, S-95, LT&C csg with shoe @ 10,106 and FC @ 9973. With 20 BW ahead, cmt'd w/520 cu ft B-J Lite w/0.5% D-31 and 0.1% R-5 followed by 200 cu ft Class "G" w/1% D-31 and 0.2% R-5. Displaced @ 6 B/M. Did not bump plug. Floats held. Nippled down BOP's. Set slips w/215,000#. Cut off 7" csg. Set AP spool and tested to 3500 psi. Nippled up BOPE and tested chk manifold.

Mud: (.572) 11.0 x 36

7/30: 10,106/61/36/0. Picking up 3½" DP. Tested BOPE to 5000 psi, OK. Hydril leaked. Changed hydril rubber and tested to 3000 psi, OK. Installed wear bushing and nipped up flow nipple. Tested mud lines and flush valves. Started picking up BHA. JUL 30 1973

Mud: (.572) 11.0 x 36

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
7" csg @ 10,106'

10,106/61/37/0. Drilling cmt @ 9975. Finished picking up 3½" DP. Tagged top of cmt @ 9557. FC @ 9974.
Mud: (.655) 12.6 x 36 x 6.2 JUL 31 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
7" csg @ 10,196'

10,169/61/38/63. Drilling.. Finished DO cmt. Picked up dia bit, stab, 8' DC and stab and went in hole. Tested 7" csg at 10,000' to 2400 psi w/12.6 ppg mud. Background gas: 2-4 units.
Mud: (.676) 13.0 x 36 x 6.0 (8.5#/bb1 LCM) AUG 1 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
7" csg @ 10,196'

10,354/61/39/185. Drilling.
Mud: (.676) 13.0 x 37 x 5.8 (8.3#/bb1 LCM) AUG 2 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
7" csg @ 10,196'

10,522/61/40/168. Drilling. Circ out 700 unit gas show @ 10,480 w/mud cutting from 13.3 to 9.6 ppg. Background gas: 20 units. Connection gas: 120 units.
Mud: (.702) 13.5 x 40 x 5.8 (6.1#/bb1 LCM) AUG 3 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
7" csg @ 10,196'

8/4: 10,728/61/41/206. Drilling. Background gas: 150 units. Connection gas: 200 units.

Mud: (.712) 13.7 x 39 x 4.8 (8.8#/bbl LCM)

8/5: 10,958/61/42/230. Drilling. Background gas: 50-100 units. Connection gas: 100-150 units. AUG 6 1973

Mud: (.722) 13.9 x 40 x 3.0 (2% oil)

8/6: 11,183/61/43/225. Drilling. Background gas: 50-75 units. Connection gas: 150 units.

Mud: (.722) 13.9 x 40 x 3.0 (13.2#/bbl LCM) (2% oil)

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
7" csg @ 10,196'

11,370/61/44/187. Drilling. Background gas: 100 units. Connection gas: 175 units. AUG 6 1973

Mud: (.728) 14.0 x 41 x 3.0 (8.6#/bbl LCM) (2% oil)

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
7" csg @ 10,196'

11,552/61/45/182. Drilling.

Mud: (.733) 14.1 x 43 (2% oil) AUG 8 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
7" csg at 10,196'

11,700/61/46/148 Circ for short trip. BG gas - 60 units, connection 140 units. AUG 9 1973

Mud: (.738) 14.2 x 44 x 2.5 (Oil 2%)

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
7" csg at 10,106'

11,700/61/47/0 RD Schl. Made short trip slowly.

Circ btms up. Mud cut to 13.5#. Made SLM, no correction. Ran DIL from 11,700-10,106, CNL/FDC from 11,700-10,050, Sonic-GR from 11,700-10,106, FDC required two runs.

Mud: (.738) 14.2 x 46 x 2.5 (Oil 2%) AUG 10 1973

Shell-Duncan-Murdock
1-34B5
(D) Parker #124
11,700' Wasatch Test
KB 5858'
5" liner @ 11,698'

11,700/61/51/0. Laying down 3½" DP. CO from 11,532 to 11,652, soft fill. Ran pkr and set @ 9743. Tested lap and liner to 1200 psi. Tested annulus to 2000 psi. Displaced DP w/wtr. Inflow tested OK. Set pkr @ 6600± and tested csg to 3000 psi. Set pkr @ 3300± and tested csg to 4000 psi. AUG 14 1973

Shell-Duncan-Murdock
1-34B5

(D) Parker #124
11,700' Wasatch Test
KB 5858'
5" liner @ 11,698'

8/11: 11,700/61/48/0. Tripping in. Ran FDC. RD Schl.
RU and ran 43 jts 5", 18#, N-80, SFJ-P liner w/btm @
11,698'. Circ gas from btm. Cmt'd w/354 sx Class "G"
w/2% gel, 1% D-31 and 0.1% R-5. CIP @ 8:20 PM, 8/10.
Top of liner @ 9882, shoe @ 11,698 and FC @ 11,652.
Bumped plug w/2000 psi.

Mud: (.738) 14.2 x 46 x 2.5

AUG 13 1973

8/12: 11,700/61/49/0. PB 11,652. Tripping in. Ran in
to top of liner @ 9882 and circ out G&OCM. Press tested
lap, no good. Ran E-Z drill ret to 9770 and sqzd w/50
sx Class "G" retarded. Final press 1200 psi. Reversed
out no cmt. CIP @ 12:10 AM.

8/13: 11,700/61/50/0. PB 11,652. CO liner hanger.
DO cmt ret @ 9770 and CO hard cmt to 9882, top of liner.
Press tested lap to 1200 psi, OK. Ran in w/2-7/8" DP
and 3" DC and started CO liner hanger.

Mud: (.728) 14.0 x 44

Shell-Duncan-Murdock
1-34B5

(D)
11,700' Wasatch Test
KB 5858'
5" liner @ 11,698'

TD 11,700. PB 11,652. Prep to release rig @ 8 AM.
Finished laying down 3 1/2" DP. Nippled down BOP and
installed BPV and tree. (RDUFA)

AUG 15 1973

Shell-Duncan-Murdock
1-34B5

(D) Western Oilwell
11,700' Wasatch Test
KB 5858'
5" liner @ 11,698'

TD 11,700. PB 11,652. (RRD 8/15/73) RUCR. MI OCT 3 1973
Western Oilwell Service Company rig #17 on 10/2/73.

Shell-Duncan-Murdock
1-34B5

(D) Western Oilwell
11,700' Wasatch Test
KB 5858'
5" liner @ 11,698'

TD 11,700. PB 11,652. Picking up tbg. Finished RU.
Installed BOP and tested to 5000 psi. Picked up 4-1/8"
bit, 2-7/8" tbg work string, 7" csg and csg scraper OCT 4 1973

Shell-Duncan-Murdock
1-34B5

(D) Western Oilwell
11,700' Wasatch Test
KB 5858', GL 5831'
5" liner @ 11,698'

TD 11,700. PB 11,652. Pulling tbg. Finished picking
up tbg. Ran bit to 11,652. Circ out 14 ppg mud as
follows: Pmpd 250 gal B-J Mud Flush followed by 500
BFW, 150 gal B-J Mud Flush and 600 BFW. SI and observed
for flowback. Press tested csg to 5000 psi, OK. Sptd
35 bbls 2% NaCl in liner.

OCT 5 1973

Shell-Duncan-Murdock
1-34B5

(D)

11,700' Wasatch Test
KB 5858', GL 5831'
5" liner @ 11,698'

TD 11,700. PB 11,655.

10/6: Running 5½" heat string. Pulled tbg, laying down bit, scraper and tbg tail. RU OWP and ran CBL and VDL from 11,655-8100. Cmt top @ 8330. Bonding good to fair. Held 3000 psi on csg while running logs. Ran PDC log from 11,655, PBTD to 8300. Set Baker Model "D" pkr w/flapper w/top @ 9860. RD OWP.

10/7: Running prod eqmt. Picked up and ran 107 jts 5½" 14#, K-55 csg w/Type I special turned-down cplgs w/tail @ 4479. Installed BPV, removed BOP, installed 6" 5000 psi x 10" 5000 psi tbg spool, installed BOP and tested to 5000 psi, OK. Removed BPV and started picking up prod eqmt.

10/8: SI. Finished running prod eqmt as follows: Baker Model "C" expendable plug holder w/Model "B" pushout plug in place - shop tested to 7500 psi in both directions w/tail @ 9893, 30' x 2-7/8" NU 10rd non-perf'd prod tube, Baker anchor tbg seal assembly w/2 seal units, Baker Model "EL" on-off connector w/Otis 2.313" N-nipple w/2.255" no-go w/top @ 9854, 4' sub x 7" centralizer, 5 jts tbg, mandrel #35-HO6-6 w/ top @ 9689, 23 jts tbg, mandrel #25-HO6-6 w/top @ 8971, 25 jts tbg, mandrel #21-HO6-6 w/top @ 8192, 38 jts tbg, mandrel #14-HO6-6 w/top @ 7010, 55 jts tbg, mandrel #10-HO6-6 w/top @ 5303, 78 jts tbg, mandrel #6-HO6-6 w/top @ 2884, 91 jts tbg, two 6' subs, one 10' sub and 1 jt tbg. All tbg and subs 2-7/8" EUE, N-80 and all mandrels Camco KBMG w/Type E dummies w/KB-2 latches. Spaced out tbg and landed same. Unlatched from on-off connector, circ fresh inhib wtr down annulus and sptd 2% NaCl wtr in tbg. Latched onto on-off connector and landed tbg w/1000# tension. Tested tbg to 7500 psi for 1 hr, losing 90 psi. Installed BPV, removed BOP, installed 10,000# Xmas tree and tested to 10,500 psi, OK. Removed BPV. Released rig @ 7 PM, 10/7/73. RU Sun WL Service and knocked out Baker knock-out plug and followed to PBTD. (RDUFA). OCT 8 1973

Shell-Duncan-Murdock
1-34B5
(D)
11,700' Wasatch Test
KB 5858', GL 5831'
5" liner @ 11,698'

TD 11,700. PB 11,655.

11/22: Flowing. Had no burn permit on 11/21. TP 2900 psi. Flwd LW to pit and turned to tank battery. On 13-hr test, flwd 977 BO, no wtr and 1368 MCF gas (GOR 1400) on 15/64" chk at well and 30/64" chk at tank battery w/3600 psi FTP.

NOV 26 1973

11/23: Flowing. On 24-hr test, flwd 1132 BO, no wtr and 812 MCF gas on 10-24/64" chk w/3700 psi FTP and zero CP.

11/24: Flowing. On 24-hr test, flwd 567 BO, no wtr and 949 MCF gas on 10-24/64" chk w/3700 psi FTP and zero CP.

11/25: Flowing. On 24-hr test, flwd 510 BO, no wtr and 919 MCF gas on 10-24/64" chk w/3650 psi FTP and zero CP.

11/26: Flowing. On 4-hr test, flwd 46 BO, no wtr and 176 MCF gas on 8-16/64" chk w/3700 psi FTP and zero CP.

Shell-Duncan-Murdock
1-34B5
(D)
11,700' Wasatch Test
KB 5858', GL 5831'
5" liner @ 11,698'

TD 11,700. PB 11,655. Flowing. On 20-hr test, flwd 271 BO, no wtr and 380 MCF gas on 8-16/64" chk w/3700 psi FTP and zero CP. NOV 27 1973

Shell-Duncan-Murdock
1-34B5
(D)
11,700' Wasatch Test
KB 5858', GL 5831'
5" liner @ 11,698'

TD 11,700. PB 11,655. Flowing. On 1-hr test, flwd 9 BO, no wtr and 19 MCF gas on 8-16/64" chk w/3700 psi FTP and zero CP. NOV 28 1973

Shell-Duncan-Murdock
1-34B5
(D)
11,700' Wasatch Test
KB 5858', GL 5831'
5" liner at 11,698'

TD 11,700. PB 11,655. SI. NOV 29 1973

Shell-Duncan-Murdock
1-34B5
(D)
11,700' Wasatch Test
KB 5858', GL 5831'
5" liner @ 11,698'

TD 11,700. PB 11,655. SI.

NOV 30 1973

Shell-Duncan-Murdock
1-34B5
(D)
11,700' Wasatch Test
KB 5858', GL 5831'
5" liner @ 11,698'

TD 11,700. PB 11,655. Flowing. Flwd as follows: DEC 3 1973

<u>Rpt Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>	<u>CP</u>
12/1	SI						
12/2	24	273	0	550	10-20/64	3600	0
12/3	24	284	0	550	4-16/64	3700	0

Shell-Duncan-Murdock
1-34B5
(D)
11,700' Wasatch Test
KB 5858', GL 5831'
5" liner @ 11,698'

TD 11,700. PB 11,655. SI. DEC 4 1973

Shell-Duncan-Murdock
1-34B5
(D)
11,700' Wasatch Test
KB 5858', GL 5831'
5" liner @ 11,698'

TD 11,700. PB 11,655. Flowing. On 18-hr test, flwd
371 BO, no wtr and 612 MCF gas on 12-20/64" chk w/3750
psi FTP and zero CP. DEC 5 1973

Shell-Duncan-Murdock
1-34B5
(D)
11,700' Wasatch Test
KB 5858', GL 5831'
5" liner @ 11,698'

TD 11,700. PB 11,655. Flowing. On 24-hr test, flwd
458 BO, no wtr and 1042 MCF gas on 12-20/64" chk w/2650
psi FTP and zero CP. DEC 6 1973

Shell-Duncan-Murdock
1-34B5
(D)
11,700' Wasatch Test
KB 5858', GL 5831'
5" liner @ 11,698'

TD 11,700. PB 11,655. Flowing. On 24-hr test, flwd
659 BO, no wtr and 1042 MCF gas on 12-20/64" chk w/3600
psi FTP and zero CP. DEC 7 1973

Shell-Duncan-Murdock-
1-34B5
(D)
11,700' Wasatch Test
KB 5858', GL 5831'
5" liner @ 11,698'

TD 11,700. PB 11,655. Flowing. On various tests, flwd
as follows: DEC 10 1973

<u>Rpt Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>	<u>CP</u>
12/8	24	469	0	1042	12-20/64"	3500	0
12/9	21	782	2	1087	12-20/64"	3500	0
12/10	24	709	3	1133	12-20/64"	3300	0

CASING AND CEMENTING

Field Altamont Well Murdock 1-34B5
Job: 13 3/8 " O.D. Casing/Line. Ran to 254 feet (KB) on 6-26, 197 3

<u>Jts.</u>	<u>Wt.</u>	<u>Grade</u>	<u>Thread</u>	<u>New</u>	<u>Feet</u>	<u>From</u>	<u>To</u>
					0	KB	CHF 30.00
6	68#	K-55	ST&C	X	232.30	CHF	252.90
	HALCO SHOE				1.10	252.90	254.00
6 jts TOTAL							

Casing Hardware:

Float shoe and collar type HALCO reg guide shoe and insert float collar at 166
Centralizer type and product number 2 Halco
Centralizers installed on the following joints at 248 and 212
Other equipment (liner hanger, D.V. collar, etc.)

Cement Volume:

Caliper type . Caliper volume ft³ + excess over caliper
ft³ + float collar to shoe volume ft³ + liner lap ft³
+ cement above liner ft³ = ft³ (Total Volume).

Cement:

Preflush—Water 20 bbls, other Volume bbls
First stage, type and additives 258 sx BJ lite, 2% CaCl₂ . Weight 12.4 lbs/gal, yield 3.02
ft³/sk, volume 258 sx. Pumpability 4 hours at °F.
Second stage, type and additives 230 sx Class "G", 2% CaCl₂ . Weight 15.9 lbs/gal, yield 1.14
ft³/sk, volume 230 sx. Pumpability 4 hours at °F.

Cementing Procedure:

Rotate/reciprocate
Displacement rate
Percent returns during job
Bumped plug at 12:45 AM/PM with 1000 psi. Bled back bbls. Hung csg
with lbs on slips.

Remarks:

Bumped plug and float did not hold.

Drilling Foreman Dick Landers
Date 6-26-73

CASING AND CEMENTING

Field Altamont Well Murdock 1-34B5
Job: 9 5/8 " O.D. Casing/Liner Ran to 5249 feet (KB) on 7-7, 197 3
Jts. Wt. Grade Thread New Feet From To
125 40# K-55 ST&C Youngstown 28' KB CHF
CHF 5249

125 jts Total

Casing Hardware:

Float shoe and collar type Hal diff fill shoe at 5249, baffle collar at 5157
Centralizer type and product number _____
Centralizers installed on the following joints 1, 3, 5
Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

Caliper type _____ Caliper volume _____ ft^3 + excess over caliper
_____ ft^3 + float collar to shoe volume _____ ft^3 + liner lap _____ ft^3
+ cement above liner _____ ft^3 = _____ ft^3 (Total Volume).

Cement:

Preflush—Water 20 bbls, other _____ Volume _____ bbls
First stage, type and additives 625 CF BJ lite Weight 12.4 lbs/gal, yield _____
 ft^3/sk , volume 625 ~~CF~~ xx Pumpability 4 hours at 120 °F.
Second stage, type and additives 235 Class "G" treated w/.05% R-5 Weight 15.9 lbs/gal, yield 1.1
 ft^3/sk , volume 215 xx Pumpability 4 hours at 120 °F.

Cementing Procedure:

Rotate/reciprocate _____
Displacement rate 5 B/M
Percent returns during job Full
Bumped plug at 5:30 ~~AM~~ PM with 2000 psi. Bled back 14 bbls. Hung csg
with 175,000 lbs on slips.

Remarks:

Drilling Foreman H. W. Curtis
Date 7-7-73

CASING AND CEMENTING

Field Altamont Well Murdock 1-34B5
Job: 7 " O.D. Casing/Liner Ran to 10,106 feet (KB) on 7-28, 197 3

<u>Jts.</u>	<u>Wt.</u>	<u>Grade</u>	<u>Thread</u> <u>LT&C</u>	<u>New</u>	<u>Feet</u>	<u>From</u>	<u>To</u>
					26.5	KB	CHF
						CHF	
219	26#	N-80	X	X	9,110.55		9,110.55
21	26#	S-95	X	X	862.81	9,110.55	9,973.36
		HOWCO DIFF FILL FLOAT COLLAR			1.80	9,973.36	9,975.16
3	26#	S-95	X	X	128.39	9,975.16	10,103.55
		HOWCO DIFF FILL FLOAT SHOE			2.45	10,103.55	10,106.00
243 jts Total							

Casing Hardware:

Float shoe and collar type Hal Diff Fill
Centralizer type and product number Hal
Centralizers installed on the following joints 6' above shoe, 1st collar, 4th collar
Other equipment (liner hanger, D.V. collar, etc.)

Cement Volume:

Caliper type FDC-CNL Caliper volume 720 ft³ + excess over caliper
ft³ + float collar to shoe volume ft³ + liner lap ft³
+ cement above liner ft³ = 720 ft³ (Total Volume).

Cement:

Preflush—Water 20 bbls, other Volume bbls
First stage, type and additives 520 CF BJ lite, .5% D-31, and .1% R-5
ft³/sk, volume 520 CF Pumpability 4 hours at 205 °F. Weight 12.4 lbs/gal, yield 3.04
Second stage, type and additives 200 CF Class "G", 1% D-31 and .2% R-5
ft³/sk, volume 200 CF Pumpability 4 hours at 205 °F. Weight 15.9 lbs/gal, yield 1.14

Cementing Procedure:

~~Rate~~/reciprocate Reciprocated throughout job
Displacement rate 6 B/M, 2 B/M last 10 bbls
Percent returns during job 100% until last 20 bbls, then 30%
Did not bump plug at CIP 8:10 AM with psi. Bled back 1/4 bbls Hung csg
with 215,000 lbs on slips.

Remarks:

Float equip held ok and filled properly

Drilling Foreman T. H. Brown
Date 7-30-73

CASING AND CEMENTING

Field Altamont Well Murdock 1-34B5

Job: 5 " O.D. Casing/Liner. Ran to 11,698 feet (KB) on 8-10, 1973

Jts.	Wt.	Grade	Thread	New	Feet	From	To
------	-----	-------	--------	-----	------	------	----

KB CHF
CHF

43	18#	N-80	SFJP		1806	9,882	11,698
----	-----	------	------	--	------	-------	--------

43 jts Total

Liner top at 9,882

Float Collar 11,652

Shoe at 11,698

Casing Hardware:

Float shoe and collar type Bkr Mod "G" Shoe at 11,698 and float collar at 11,652

Centralizer type and product number _____

Centralizers installed on the following joints 3 spaced 10' from shoe, 80' from shoe and 160' from shoe

Other equipment (liner hanger, D.V. collar, etc.) Burns liner hanger at 9882

Cement Volume:

Caliper type _____ . Caliper volume _____ ft^3 + excess over caliper
_____ ft^3 + float collar to shoe volume _____ ft^3 + liner lap _____ ft^3
+ cement above liner _____ ft^3 = _____ ft^3 (Total Volume).

Cement:

Preflush-Water 15 bbls, ~~water~~ light slurry Volume _____ bbls

First stage, type and additives 354 sx Class "G", 2% gel, 1% D-31, and .1% R-5

Weight _____ lbs/gal, yield _____

ft^3/sk , volume 354 sx. Pumpability 4 hours at 215 °F.

Second stage, type and additives _____

Weight _____ lbs/gal, yield _____

ft^3/sk , volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

~~Rotate~~ reciprocated and circ 2 hrs 15 min

Displacement rate _____

Percent returns during job _____

Bumped plug at 8:20 AM with 2,000 psi. Bled back _____ bbls. Hung csg with _____ lbs on slips.

Remarks:

Lap test failed. Set retainer at 9770 and sqzd w/50 sx cmt.

Drilling Foreman H. W. CURTIS

Date 8-15-73

FORM OGC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Murdock 1-34B5
Non Operator Shell Oil Company (Rocky Mtn Div. Production)
Operator Duncan
Address 1700 Broadway, Denver, Colorado 80202
Contractor Parker Drilling Company
Address Box 587, Duchesne, Utah 84021
Location SW 1/4, NE 1/4, Sec. 34, T. 2N., R. 5E., Duchesne County.
5 W

Water Sands:

	<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
	From - To -	Flow Rate or Head -	Fresh or Salty -
1.	<u>GR Log run from 300-TD</u>		
	<u>(No water sands tested or evaluated)</u>		
2.			
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (see back of this form)
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)Form approved,
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Shell Oil Company

3. ADDRESS OF OPERATOR

1700 Broadway, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

1450' FNL and 1703' FEL Section 34

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Murdock

9. WELL NO.

1-34B5

10. FIELD AND POOL, OR WILDCAT

Altamont

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SW/4 NE/4 Section 34-

T2S-R5W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

5857 KB

12. COUNTY OR PARISH

13. STATE

Duchesne

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETION ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Acid Treat for Scale Removal ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See Attachment

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Division Operations Engr.

DATE 3/13/75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah Oil and Gas Conservation Commission

*See Instructions on Reverse Side

Shell-Duncan-Murdock
1-34B5
(Perf & AT)

TD 11,700. PB 11,655. Flowing. On various tests, flwd:

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP-no gauge
2/14:	18	71	226	142	22/64"	
2/15:	6	21	81	36	22/64"	
2/16:	SI					
2/17:	SI					

FEB 17 1976

Shell-Duncan-Murdock
1-34B5
(Perf & AT)

TD 11,700. PB 11,655. Flowing. On 24-hr test, flwd
130 BO, 241 BW, 140 MCF gas thru 20/64" chk w/100 psi FTP.

FEB 18 1976

Shell-Duncan-Murdock
1-34B5
(Perf & AT)

TD 11,700. PB 11,655. Flowing. On 24-hr test, flwd 54
BO, 148 BW, 70 MCF gas thru 20/64" chk w/100 psi FTP.

FEB 19 1976

Shell-Duncan-Murdock
1-34B5
(Perf & AT)

TD 11,700. PB 11,655. Flowing. On 24-hr test 2/2/76
before work prod 163 BO, 192 BW, 153 MCF gas thru 25/64"
chk w/150 psi FTP. On 24-hr test dated 2/20 after work
prod 98 BO, 299 BW, 130 MCF gas thru 20/64" chk w/0 psi
FTP.

FINAL REPORT

FEB 20 1976

ACID TREAT FOR SCALE REMOVAL

ALTAMONT

SHELL OIL COMPANY

LEASE MURDOCK
DIVISION WESTERN
COUNTY DUCHESNE

WELL NO. 1-34B5
ELEV 5857 KB
STATE UTAH

FROM: 2/11/75

UTAH

ALTAMONT

Shell-Duncan-Murdock

1-34B5

(AT for Scale Removal)

"FR"

TD 11,700. PB 11,655. Acid Treatment for Scale Removal Complete. Pumped 1500 gals 15% HCl w/500 gals Toluene containing 6 gals C-15 & 3 gals J-22/1000 gals. Pumped 2000 gals HCl @ 3 B/M & 30 bbls diesel @ 3-1/2 B/M. Tbg press 200 to 400 psi. SI 5 mins. TP 100 psi. Pmp'd 17 bbls diesel. TP 200 to 500 psi. SI 5 mins. Press to 200 psi immediately. Pmp'd 10 bbls diesel. Press 200 to 500 psi. On 24-hr test prior to AT flowed 48 BO, 41 BW through 1" chk w/200 psi FTP. On 24-hr test after AT flowed 65 BO, 45 BW through 1" chk w/200 psi FTP.

FINAL REPORT

FEB 11 1975

THE STATE OF UTAH
DIVISION OF OIL AND GAS CONSERVATION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1450' FNL and 1703' FEL Section 34		8. FARM OR LEASE NAME Murdock
14. PERMIT NO.		9. WELL NO. 1-34B5
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5857 KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLE, AND SURVEY OR AREA SW/4 NE/4 Section 34-T2S-R5W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

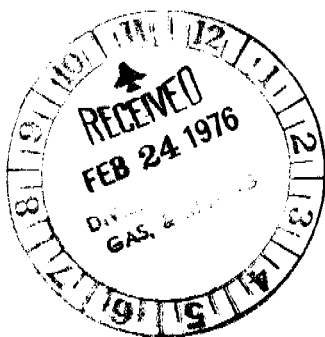
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT & ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING & ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attachment



APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: Feb. 24, 1976

BY: P. L. Ansell

18. I hereby certify that the foregoing is true and correct

SIGNED

J. W. Kimmel

TITLE Div. Opers. Engr.

DATE 2/23/76

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

cc: U.S.G.S. w/attachment

Shell-Duncan-Murdock-
1-34B5

(D)

11,700' Wasatch Test
KB 5857', GL 5831'
5" liner @ 11,698'

TD 11,700. PB 11,655. Flowing. OIL WELL COMPLETE.
On 24-hr test 12/10/73, flwd 733 BO, 3 BW and 1165
MCF gas (GOR 1587) on 12/64" chk w/3150 psi FTP and
zero CP from Wasatch and Flagstaff perms 9979, 9980,
9981, 9990, 9991, 9992, 9993, 10,141, 10,142, 10,143,
10,189, 10,190, 10,191, 10,274, 10,275, 10,276, 10,359,
10,361, 10,362, 10,363, 10,373, 10,374, 10,375, 10,376,
10,399, 10,400, 10,401, 10,413, 10,414, 10,415, 10,416,
10,425, 10,426, 10,427, 10,612, 10,613, 10,614, 10,615,
10,659, 10,795, 10,796, 10,857, 10,858, 10,859, 10,860,
10,861, 10,955, 10,956, 11,114, 11,115, 11,116, 11,117,
11,130, 11,131, 11,146, 11,147, 11,250, 11,251, 11,267,
11,268, 11,269, 11,270, 11,336, 11,339, 11,350, 11,365,
11,366, 11,367, 11,487, 11,488, 11,491, 11,492, 11,493,
11,494, 11,602, 11,603.

Oil Gravity: 46.5° @ 60°F.

Compl. Test Date: 12/10/73. Initial Prod Date: 11/21/73.

Elev: 5831 GL, 5857 KB (corrected).

Log Tops: TGR₃ 7,772 (-1915)

M₁ 9,216 (-3359) DEC 11 1973

WASATCH 9,412 (-3555)

FLAGSTAFF 10,665 (-5808)

M₃ 10,758 (-4901)

This well was drilled for routine development.

FINAL REPORT.

PERF & ACID TREAT
SHELL-DUNCAN

FROM: 2/9/76 - 2/20/76

LEASE MURDOCK
DIVISION WESTERN
COUNTY DUCHESNE

WELL NO. 1-34B5
ELEV 5857 KB
STATE UTAH

ALTAMONT

UTAH
ALTAMONT

Shell-Duncan-Murdock
1-34B5
(Perf & AT)

"FR" TD 11,700. PB 11,655. AFE #417617 provides funds to perf 11,334-11,442, AT, run BHP survey & prod log. 2/7 Well cut for wax to 9500'. Left well flw'g. 2/8 Checked well w/WL for wax, ok. RD Sun. MI&RU BJ. Ballheaded in 35 bbls gelled inh'd wt'd 10% acetic acid followed w/23 bbls diesel. Closed well in. Press'd tbg-csg annulus up to 1500 psi for 10 mins; took 95 bbls hot lse wtr. Bled press off. Cleared wellhead lines & valves w/2 bbls diesel. SI well.

FEB 09 1976

Shell-Duncan-Murdock
1-34B5

TD 11,700. PB 11,655. Prep to AT. MI&RU OWP. Perf'd per prog from 11,442-11,334 using Harrison RT 6.2 gr charges unidirectionally w/2" steel, hollow-carrier, thru-tbg gun decentralized w/magnets @ top, middle & btm. Run #1 - start & end TP 380 psi; perf'd 11,400-11,442. Run #2 - start & end TP 540 psi; perf'd 11,354-11,398. Run #3 - start & end TP 570 psi; perf'd 11,334-11,351. RD OWP.

FEB 10 1976

Shell-Duncan-Murdock
1-34B5
(Perf & AT)

TD 11,700. PB 11,655. MI&RU BJ. Press tested lines to 10,000 psi. Pmp'd in 97 bbls lse wtr to press back side to 3500 psi. TP 900 psi & didn't change. Pmp'd acid as per prog to AT interval 9979-11,603 (166 holes & 52 zones). Pmp'd 3 bbls acid & dropped one 7/8 ball sealer (sp gr 1.2) for a total of 702 bbls 15% HCl w/12 gals C10, 3 gals C15, 1 gal J22, 40# OS-160 WR Unibeads & 3# 20-40 mesh RA sd per 1000 gals & 232 balls. Flushed w/92 bbls lse wtr. Started inj'g 350 CFM N2 per bbl fluid after pmp'g 690 bbls total fluid. Stopped inj'g N2 @ 780 bbls in. Last 12 bbls didn't have N2 (avg 15 P/M - avg press 8200 psi). Well balled out w/total of 676 bbls in; held press for 15 mins. Released press to pit. Fin'd pmp'g @ 12 B/M @ 5800 psi. ISIP 5100 psi, 15 mins 4800. Started flw'g back to pit; flwd approx 400 bbls. Turned to HT; was flw'g on 25/64" chk @ 550 psi. Prep to run RA log.

FEB 11 1976

Shell-Duncan-Murdock
1-34B5
(Perf & AT)

TD 11,700. PB 11,655. MI&RU OWP & ran RA log. Found TD @ 11,641. Log'd from 11,641-9700; log looked good. All perf'g showed up. SITP went from 600 to 1000 psi in approx 3-1/2 hrs. POOH. RD OWP. Turned well over to prod.

FEB 12 1976

Shell-Duncan-Murdock
1-34B5
(Perf & AT)

TD 11,700. PB 11,655. Flowing. On 21-hr test, flwd 86 BO, 291 BW, 165 MCF gas thru 30/64" chk w/900 psi FTP.

FEB 13 1976

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT TRIPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR <div style="text-align: center;">Shell Oil Company</div>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <div style="text-align: center;">P. O. Box 831 Houston, Texas 77001</div>		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <div style="text-align: center;">At surface 1450' FNL & 1703' FEL</div>		8. FARM OR LEASE NAME <div style="text-align: center;">Murdock</div>
14. PERMIT NO.		9. WELL NO. <div style="text-align: center;">1-34B5</div>
15. ELEVATIONS (Show whether DF, RT, OR, etc.) <div style="text-align: center;">5857' KB</div>		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR S.W. AND SURVEY OR AREA <div style="text-align: center;">SW/4 NE/4 Sec. 34-T2S-R5W</div>
		12. COUNTY OR PARISH 13. STATE <div style="text-align: center;">Duchesne Utah</div>

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

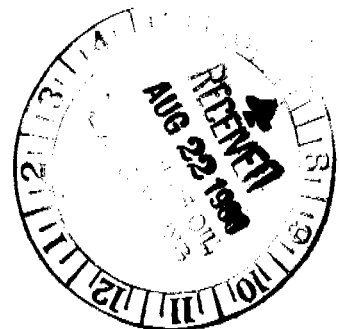
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached worksheet.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 8/27/80

BY: [Signature]



18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE Division Production Engineer DATE 8/15/80

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

REMEDIAL PROGNOSIS
MURDOCK 1-34B5
SECTION 34, T2S, R5W
ALTAMONT FIELD, UTAH

Pertinent Data:

Shell's share: 99.93%

Elevation (KB): 5857'

Elevation (GL): 5831'

TD: 11,700'

PBTD: 11,655'

Casing: 13-3/8", 68#, K-55 to 254'; 9-5/8", 40#, K-55 to 5249'; 7", 26#, N-80 and S-95 to 10,106'

Liner: 5", 18#, N-80; top at 9882', bottom at 11,698'

Tubing: 2-7/8", EUE, 6.5#, N-80 to 9897'

Packer: 7" Baker Model "D" at 9867'

Perforations: 9979'-11,603' (166 holes)

Artificial Lift: Beam pumping production

Objective: CO, perforate, and stimulate the Wasatch

Procedure:

1. MIRU. Load hole with produced water. Remove tree, install and test BOPE as per field specs.
2. Pull rods and pump. POOH with tubing and seals.
3. RIH and mill out Baker 7" Model "D" at 9867'. CO 5" liner to 11,655'.
4. Spot 2000 gallons 15% HCL in 5" liner. Displace acid with 4000 gallons clean produced water.
5. RIH with 5" RBP and 5" fullbore packer. Set RBP at +11,050'. Pressure test plug-to 3000 psi. If okay, spot 1 sack of sand on plug (at field's discretion).
6. Rig up perforators with lubricator (tested to 3000 psi) and perforate as follows:
 - a. Perforate using a 3-1/8" O.D. casing gun with DML Densi-Jet XIV (14.0 gram) charges at 120° phasing. Perforate 9878'-9420' with a 4" O.D. casing gun and 19 gram charges.
 - b. Record and report wellhead pressure before and after each run.
 - c. Perforate (from bottom up) 3 shots per foot at depths shown on Attachment I. Depth reference is OWP's GR/CBL dated 4/5/75.
- 7a. If well can be controlled with water after perforating, run a 7" fullbore packer on tubing and set at +9350'. Test tubing to 6500 psi.
- b. If well cannot be controlled with water after perforating, lubricate in a 7" Model "D" packer (with flapper) and set at +9350'. Run tubing, latch into packer, and put well on production. Flow well if possible to clean up perforations.

8. Acid treat perfs 10,995'-9420' (222 new, 48 old) with 39,000 gallons of 7-1/2% HCL as follows:
- a. Pump 4000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 S.G.) every 125 gallons.
 - b. Pump 1000 gallons acid containing 1000# benzoic acid flakes.
 - c. Repeat Step (a) 7 more times and Step (b) 6 more times for a total of 8 stages acid and 7 of diverting material (total 39,000 gallons acid and 256 ball sealers).
 - d. Flush with 110 bbls of clean produced water.

Notes:

- 1. All acid and flush to contain 6 gallons G-10/1000 gallons HCL or equivalent for +70% friction reduction and 1.0# 20-40 mesh RA sand per 1000 gallons (no RA sand in flush).
- 2. All acid to contain 3 gallons C-15/1000 gallons HCL for 4 hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids).
- 3. Maintain 2500 psi surface casing pressure during treatment if possible.
- 4. Pumping rates: pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.
- 5. Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
- 6. Record ISIP and shut-in pressure decline for at least 20 minutes.

9. Run RA log from +11,050' to +9300'.
- 10a. If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to Step 11.
- b. If well does not flow, continue with Step 11.
- 11a. If a 5" fullbore packer was used in Step 7, POOH with tubing and packer.
- b. If a 7" Model "D" packer was used in Step 7, POOH with tubing and seals. RIH and mill out 7" Model "D".
12. RIH and retrieve 5" BP at +11,050'.
13. RIH with tubing and pumping equipment. Install as shown in Attachment II.
14. Put well on production. If well pumps off, decrease unit speed.

15. Report production until well stabilizes.

G. L. Thompson

Date

MEB:JL

meb
8-14-80

ATTACHMENT I

Depth reference is OWP's CBL/GR, dated 10-5-73.

10995	10074	9758
968	068	736
833	060	708
811	056	702
795	038	695
779	030	662
762	020	652
737	9998	642
691	987	636
658	977	630
646	963	622
626	948	613
576	920	608
559	906	589
548	893	571
536	878	567
509	851	541
494	846	530
483	835	514
272	810	506
116	793	498
100	786	482
092	771	471
085	758	442
		424
		420

Total 222 holes (3 JSPF at 74 depths)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. PATENTED
2. NAME OF OPERATOR SHELL Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 891 Houston, TX 77001 ATTORNEY C.E. TIXIER RM. #1916		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1450' FNL & 1703' FEL SEC. 34		8. FARM OR LEASE NAME MURDOCK
14. PERMIT NO.		9. WELL NO. 1-34BS
15. ELEVATIONS (Show whether OF, XY, OR, etc.) 5857' KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA SW 1/4 NE 1/4 T2S R5W
		12. COUNTY OR PARISH Duchesne
		13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED

RECEIVED
FEB 20 1981
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

C.E. Tixier

C.E. TIXIER

TITLE **DIVISIONAL PROD. ENGINEER**

DATE **1-30-81**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 343
ISSUED 12/29/80

WELL: MURDOCK 1-3485
LABEL: FIRST REPORT
AFE: 595767
FOREMAN: GARY L LAMB
RIG: WESTERN RIG #12
OBJECTIVE: PERF. AND STIMULATE
AUTH. AMNT: 100000
DAILY COST: EST 2000
CUM COST: EST 5500
DATE: 10-8 AND 10-9 AND 10-10-80
ACTIVITY: 10-8-80 STATUS: MOVING ON LOCATION AND RIG UP.
02 10-8-80 ACTIVITY: MOVE IN AND RIG UP SPOT EQUIP.
03 REMOVE HORSE HEAD. P R.U. PULL RODS AND UNSEAT PUMP
04 PUMP 100 BBLs. HOT WTR. CLEAN UP RODS. START RODS
05 PULLING AND LAYING THEM DOWN. S.D.O.N.
06 10-9-80 STATUS: PULLING RODS AND LAYING THEM DOWN.
07 10-9-80 ACTIVITY: POOH WITH 93 1 IN. RODS.
08 102 7/8 IN. RODS 193 3/4 IN. RODS LAID THEM DOWN. R.U.
09 B.O.P. AND TBG. EQUIP. RELEASE OUT OF MODEL D
10 PKR. START OUT OF HOLE WITH TBG. S.D.O.N.
11 10-10-80 STATUS: PULLING TBG AND LAYING IT DOWN.

LABEL: -----
DAILY COST: 2000
CUM COST: 7500
DATE: RIH W/MILL TOOL AND PICKED UP BRAND NEW TUBING
ACTIVITY: RIH W/MILL TOOL AND PICKED UP BRAND NEW TUBING
02 TAGGED TOP OF PACKER SDON.
03 10-13-80 STATUS MILL 7 INCH MODEL D PACKER OUT

LABEL: -----
DAILY COST: 5500
CUM COST: 13000
DATE: 10-13 AND 10-14-80
ACTIVITY: MILLED UP MODEL D PACKER. PULL OUT OF HOLE WITH
02 TUBING AND PACKER. LAY PACKER AND PLUCKER DOWN.
03 PICK UP FLAT BOTTOM MILL AND START BACK IN HOLE.
04 S.D.O.N.
05 10-14-80 STATUS RUNNING IN HOLE WITH TUBING.

LABEL: -----

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 343
ISSUED 12/29/80

DAILY COST: 5000
CUM COST: 18000
DATE: 10-14 AND 10-15-80
ACTIVITY: 10-14-80 STATUS: RIH WITH FLAT BOTTOM MILL.
02 10-14-80 ACTIVITY: RIH WITH FLAT BOTTOM MILL.
03 CLEANED OUT TO 11655 FT. HIT SOME SCALE. SPOT
04 3000 GALLONS OF 15% HCL IN LINER. PULL TBG. OUT
05 OF LINER LET ACID SOAK 3 HRS. RI LINER CIRCULATE
06 ACID OUT . S.D.O.N.
07 10-15-80 STATUS: PULLING TBG OUT OF HOLE.

LABEL: -----
DAILY COST: EST54400
CUM COST: EST70400
DATE: 10-15 AND 10-16 AND 10-17-80
ACTIVITY: 10-15-80 STATUS: POOH WITH TBG.
02 10-15-80 ACTIVITY: POOH WITH TBG. RIG UP OWP AND
03 RIH TO SET BAKER C.I.B.P. AT 11050 FT. POOH.
04 PLUG CHECKED O.K. R.U. TO PERF. 3 1/8 IN. GUN
05 RUN 1 PERFORATED FROM 10995 FT. TO 10272 FT. 20
06 DEPTHS AND 60 SHOTS. SECOND RUN PERF. FROM 10116 FT.
07 TO 9893 FT. 19 DEPTHS AND 57 SHOTS. THIRD RUN
08 WITH 4 IN. GUN PERF. FROM 9878 FT. TO 9708 FT.
09 12 DEPTHS AND 36 SHOTS. FOURTH RUN PERF. FROM
10 9702 FT. TO 9571 FT. 12 DEPTHS AND 36 SHOTS.
11 FIFTH RUN PERF. FROM 9567 FT. TO 9420 FT. 11 DEPTHS
12 AND 33 SHOTS. A TOTAL OF 5 RUNS TOTAL DEPTHS 74
13 TOTAL SHOTS 222. RIG OWP DOWN. S.D.O.N.
14 10-16-80 STATUS: RIH WITH TBG. 87 IN. FULLBORE PKR.
15 10-16-80 ACTIVITY: RIH WITH TBG. LAID TBG. PSI
16 TEST BACKSIDE 2500# CHECKED O.K. INSTALLED 10000
17 # FRAC TREE. R.U. WESTERN CO. FOR ACID FRAC.
18 PUMPED 8 STAGES OF 4000 GAL. 7 1/2% HCL DROPPING
19 ONE BALL SEALER EVERY 125 GAL. PUMPED 7 STAGES OF
20 1000 GAL. CONTAINING 1000# OF BENZOIC ACID FLAKES
21 FOR A TOTAL OF 39000 GAL. 7 1/2% HCL. FLUSHED WITH
22 110 BRLS. OF PROD. WTR.
23 I.S.I.P. 2200# MAX RATE 16 BBL. MIN. MAX PSI 7800
24 5 2000# MIN RATE 14 BBL MIN MIN PSI 5400
25 10 1800 AVG. RATE 15 BBL MIN AVG PSI 6300
26 15 1600#
27 10-17-80 STATUS: RUNNING RA LOG FROM 11050 FT.

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 343
ISSUED 12/29/80

28 TO 9300 FT.

LABEL: -----
CUM COST: 70400
DATE: 10-18 AND 10-19-80
ACTIVITY: 10-18-80 THE FOLLOWING IS PRODUCTION FOR 16 HRS.
02 629 OIL- 7 WTR.- 242 MCF GAS- 500 # TBG. PSI.
03 24/64 CHOKE.
04 10-19-80 579 OIL- 0 WTR.- 811 MCF GAS- 500# TBG.
05 PSI. -24/64 CHOKE.

LABEL: -----
DAILY COST: 4000
CUM COST: 76400
DATE: 801020
ACTIVITY: 10-17-80 RUNNING R.A. LOG.
02 ACTIVITY RIG UP O.W.P. RUN R.A. LOG. WELL
03 TREATED GOOD. RIG O.W.P. DOWN WELL HAD 600 LB
04 PSIG TBG PRESSURE. HOOK WELL UP TO FLOWLINE.
05 OPEN WELL UP FOR FLOW TEST. WELL STABLIZED AT
06 550 LB PSIG ON 24 CHOKE. FLOWING AT A RATE OF
07 26 BBL PER HOUR. LEFT WELL FLOWING.
08 10-18-80 RIGGING DOWN WELL STILL FLOWING.

Shell Oil Company



P.O. Box 831
Houston, Texas 77001

December 30, 1983

Mr. Norm Stout
State of Utah
Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Dear Mr. Stout:

TRANSFER OF OWNERSHIP AND ASSETS
FROM SHELL OIL COMPANY TO
SHELL WESTERN E&P INC.
STATE OF UTAH

In accordance with our recent conversation, the purpose of this letter is to reduce to writing that Shell Western E&P Inc. ("SWEPI"), a subsidiary of Shell Oil Company, has been formed. Shell Western E&P Inc. is a Delaware corporation with its offices located at 200 North Dairy Ashford Road in Houston, Texas. The mailing address is P. O. Box 831, Houston, TX 77001.

Effective January 1, 1984, Shell Oil Company will transfer portions of its oil and gas operations to Shell Western E&P Inc. and Shell Western E&P Inc. will assume all of the rights, interests, obligations and duties which Shell Oil Company currently has as a result of its exploration, development and production operations in the State of Utah.

As you are aware, Shell Oil Company is currently the holder of various permits and agency authorizations. In view of the fact that Shell Western E&P Inc. will assume all of the liabilities and obligations of Shell Oil Company's exploration and production activities within the state, we respectfully request that you transfer all permits or other authorizations from Shell Oil Company to Shell Western E&P Inc., effective January 1, 1984.

To support this request, a copy of the power of attorney appointing the undersigned as Attorney-in-Fact for Shell Western E&P Inc. is enclosed. On behalf of Shell Western E&P Inc., enclosed are recently issued Bond No. Shell 1835 and Bond No. Shell 1841. The bonds were issued by the Insurance Company of North America. In the near future, I shall request that the existing Shell Oil Company bonds be released.

It is my understanding, pursuant to our prior discussion, that this letter will comply with your requirement regarding the change in the name of the permittee.

Sufficient copies of this letter are being provided to your office so that a copy can be placed in each appropriate file. A listing of active wells is enclosed. Thank you in advance for your cooperation in this matter.

Yours very truly,

G. M. Jobe

G. M. Jobe
Administrator, Regulatory-Permits
Rocky Mountain Division
Western E&P Operations

GMJ:beb

Enclosures

MONTHLY OIL AND GAS PRODUCTION REPORT

Duchesne

Operator name and address:

UTEX OIL CO.
% SHELL WESTERN E&P INC.PO BOX 576
HOUSTON TX 77001
ATTN: P.T. KENT, OIL ACCT.Operator name
change

Utah Account No. N0840

Report Period (Month/Year) 8 / 84

Amended Report ☐

Well Name	Entity	Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
MURDOCK 1-3485		02S 05W 34	WSTC	31	1800	1010	381
4301330230 01786		02S 03W 1	GR-WS	31	1719	2905	8117
4301330175 01790		02S 04W 29	WSTC	31	768	0	4270
4301330246 01791		02S 05W 32	WSTC	18	219	0	70
4301330221 01795		02S 04W 28	WSTC	30	486	1169	3601
4301330242 01796		01S 03W 35	WSTC	31	2846	2125	5066
4301330181 01800		02S 05W 25	WSTC	20	341	0	1312
4301330247 01801		02S 03W 8	GR-WS	0	0	0	0
4301330201 01805		02S 05W 16	WSTC	19	964	2585	5166
4301330238 01806		02S 03W 10	WSTC	5	224	662	421
4301330187 01810		02S 02W 4	WSTC	31	1818	3214	3937
4301330313 01811		02S 05W 28	GR-WS	0	0	0	0
4301330179 01815		02S 02W 9	WSTC	31	945	909	3214
4301330325 01816					12130	14629	35555
TOTAL							

OUT - 2

TOTAL

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

9-28-84

Authorized signature

Telephone

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

PERMIT IN TRIPLICATE 010946A
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR ANR Limited Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201-		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any requirements.* See also space 17 below.) At surface See attached list		8. FARM OR LEASE NAME Murdoch
14. PERMIT NO. 43-013-30230		9. WELL NO. 1-3485
15. ELEVATIONS (Show whether OF, ST, OR, etc.)		10. FIELD AND POOL, OR WILDCAT
16. DIVISION OF OIL, GAS & MINING		11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Sec. 34 T. 5 S. 5 W.
17. COUNTY OR PARISH		12. STATE Duchesne

RECEIVED
DEC 31 1986

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) - Change Operator <input checked="" type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ANR Limited has been elected successor Operator to Utex Oil Company on the oil wells described on the attached Exhibit "A".

18. I hereby certify that the foregoing is true and correct

SIGNED

(This space for Federal or State office use)

TITLE

TITLE

DATE

DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
reverse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Patented 120147	
2. NAME OF OPERATOR ANR Limited Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, CO 80201-0749		8. FARM OR LEASE NAME Murdock	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1450' FNL & 1703' FEL		9. WELL NO. 1-34B5	
14. PERMIT NO. 43-013-30230		10. FIELD AND POOL, OR WILDCAT Altamont	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5857' KB		11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA Sec. 34-T2S-R5W	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

X

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5-21-87 Acidized Wasatch perfs 9420-10995' w/25,116 gallons 15% HCL w/additives.

Well put back on production.

18. I hereby certify that the foregoing is true and correct

SIGNED

Eileen Day

TITLE Regulatory Analyst

DATE 11/16/87

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		2. NAME OF OPERATOR ANR Limited Inc.		3. ADDRESS OF OPERATOR P.O. Box 749, Denver, CO 80201-0749		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1450' FNL and 1703' FEL		5. LEASE DESIGNATION AND SERIAL NO. Patented <u>POW</u> N/A 120144	
6. NAME OF OPERATOR		7. UNIT AGREEMENT NAME N/A		8. FARM OR LEASE NAME Murdock		9. WELL NO. 1-34B5		10. FIELD AND POOL, OR WILDCAT Altamont	
11. SEC., T., R., N., OR S.E. AND (SWNE) OR AREA Sec. 34-T2S-R5W		12. COUNTY OR PARISH Duchesne		13. STATE Utah		14. PERMIT NO. 43-013-30230		15. ELEVATIONS (Show whether SP, ST, GR, etc.) 5831' GL	

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PULL OR ALTER CASING

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANE

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

REPAIRING WELL

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Convert to rod pump

☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well converted from flowing well to rod pump 6-28-87.

18. I hereby certify that the foregoing is true and correct

SIGNED

Brenda W. Swank
Brenda W. Swank

TITLE Regulatory Analyst

DATE

11/16/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ANR

ANR Production Company
a subsidiary of The Coastal Corporation

JAN 25 1988

012712

DIVISION OF
OIL, GAS & MINING

January 19, 1988

Natural Resources
Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company.

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

Roger W. Sparks
Roger W. Sparks
Manager, Crude Revenue Accounting

The computer shows the ANR Limited wells listed under account no. N0235.
DTS
1-26-88

CC: AWS

CTE:mmw

Lisha,

I don't see any problem w/this.
I gave a copy to Arlene so she could check on the bond situation. She didn't think this would affect their bond as the bond is set up for Coastal and its subsidiaries (ANR, etc.) No Entity Number changes are necessary. DTS 1-26-88

UTAH
NATURAL RESOURCES
Oil, Gas & Mining355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. ☎ (801-538-5340)Page 5 of 10

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• ANR LIMITED INC./COASTAL
P O BOX 749
DENVER CO 80201 0749
ATTN: RANDY WAHLUtah Account No. N0235Report Period (Month/Year) 11 / 87Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
SHELL TEW 1-10B5			WSTC				
4301330178	01755 02S 05W 10						
ELLSWORTH 1-19B4			WSTC				
4301330183	01760 02S 04W 19						
ELLSWORTH #2-19B4			WSTC				
4301331105	01761 02S 04W 19						
GOODRICH 1-2B3			GR-WS				
4301330182	01765 02S 03W 2						
BROTHERSON 1-15B4			WSTC				
4301330159	01770 02S 04W 15						
BROTHERSON 2-15B4			WSTC				
4301331103	01771 02S 04W 15						
EVANS 1-19B3			WSTC				
4301330265	01776 02S 03W 19						
BROTHERSON 1-22B4			WSTC				
4301330227	01780 02S 04W 22						
BIRCH 1-27B5			WSTC				
4301330197	01781 02S 05W 27						
BROTHERSON #2-22B4			WSTC				
4301331086	01782 02S 04W 22						
BIRCH #3-27B5			WSTC				
4301331126	01783 02S 05W 27						
HANSKUTT 1-23B5			WSTC				
4301330172	01785 02S 05W 23						
MURDOCK 1-34B5			WSTC				
4301330230	01786 02S 05W 34						
TOTAL							

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

Authorized signature

Telephone

PLEASE COMPLETE FORMS IN BLACK INK

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

Patented

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

CA #9685

8. Well Name and No.

Murdock #1-34B5

9. API Well No.

43-013-30230

10. Field and Pool, or Exploratory Area

Altamont

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1450' FNL & 1703' FEL
Section 34, T2S-R5W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Acidize
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see the attached procedure to repair casing and acidize the above referenced well.

APPROVED BY THE STATE
OF UTAH
OIL, GAS, AND MINING

RECEIVED

DEC 09 1991

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Title Regulatory Analyst

Date 12/5/91

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

WORKOVER PROCEDURE

MURDOCK #1-3485
Section 34, T2S, R5W
Altamont Field
Duchesne County, Utah

November 22, 1991

WELL DATA

Location: 1450' FNL & 1703' FEL of Section 34
Elevation: 5857' KB, 5831' GL
Total Depth: 11,700'
PBDT: 11,050' (CIBP set on 10/16/80)
Casing: 13-3/8" 68# K-55 ST&C, set at 254' w/488 sx
9-5/8" 40# K-55 ST&C, set at 5249' w/1160 sx
7" 26# S-95 & N-80 LT&C, set at 10,106' w/347 sx
5" 18# SFJP liner set at 11,698' w/404 sx. Top of 5" liner at 9882'.
Tubing: 2-7/8" 6.5# N-80 EUE
Packer: Baker "C" Fullbore Retrievable Cementer set at 9299'.
Tubular Data:

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity</u>	<u>Burst</u>	<u>Collapse</u>
			B/F	(PSI)	(PSI)
13-3/8" 68# K-55 ST&C	12.415"	12.259"	0.1497	3450	1950
9-5/8" 40# K-55 ST&C	8.835"	8.679"	0.0758	3950	2570
7" 26# S-95/N-80 LT&C	6.276"	6.151"	0.0382	8600/7240	7800/5410
5" 18# SFJP N-80 Liner	4.276"	4.151"	0.0177	10140	10490
2-7/8" 6.5# N-80 EUE	2.441"	2.347"	0.00579	10570	11160

WELL HISTORY

December 1973: Initial completion in Wasatch from 9979' to 11,603', 1 SPF, 76 holes, acidized w/23,750 gals 15% HCl. Flowed 733 BOPD, 1165 MCFPD and 3 BWPD.

February 1975: Acidized w/3500 gals 15% HCl.

February 1976: Perf from 11,344' to 11,442', 1 SPF, 90 holes. Acidized 9979' to 11,603' w/29,500 gals 15% HCl.
Before: Flowing 163 BO, 192 BW, 153 MCF on a 25/64" choke w/FTP of 150 psi.
After: Flowing 98 BO, 299 BW, 130 MCF on a 20/64" choke w/FTP of 0 psi.

April 1976: Install beam pump.
Before: Flowing 140 BOPD, 118 BWPD, 320 MCFPD.
After: Pumping 151 BOPD, 288 BWPD, 412 MCFPD.

October 1980: Perf from 9420' to 10,995', 3 SPF, 222 holes, set CIBP @ 11,050'. Acidize perfs from 9420' to 10,995', 270 holes w/39,000 gals 7-1/2" HCl.
Before: On pump 35 BOPD, 280 BWPD, 255 MCFPD.
After: Flowed 579 BOPD, 0 BWPD, 811 MCFPD on 24/64" choke w/FTP of 500 psi.

Workover Procedure
Murdock #1-34B5
Page Two

May 1987: Acidize perfs from 9420' to 10,995', 222 holes w/25,116 gals 15% HCl.
Before: Flowing 16 BOPD, 94 MCFPD, 12 BWPD.
After: Flowing 380 BOPD, 249 MCFPD on a 20/64" choke and FTP of 300 psi.

June 1987: Place on pump.

PRESENT STATUS

Shut in with collapsed csg 11/16/91. Last production was November 14, 1991 - 11 BO, 30 BW and 68 MCF.

PROCEDURE

1. MIRU service rig. Kill well if necessary. ND wellhead and NU BOPE. Stand back rods and tubing.
2. PU 6-1/8" swedge on 2 - 4-3/4" DC's and 2-7/8" tbg and TIH.
3. Swedge out collapse at $\pm 8790'$. POOH w/swedge and DC's.
4. PU & RIH w/overshot for 2-7/8" tbg. Fish and POOH w/PBGA, TAC and 15' of tbg stub sitting on liner top at $\pm 9882'$. Top of fish at $\pm 9762'$.
5. PU & RIH on tbg a RBP and pkr for 7" 26# csg. Set RBP $\pm 60'$ below collapse point of 7" csg. Press test RBP. Pull pkr above collapse and test csg for leak. If csg leaks attempt to isolate leak. POOH.
6. RU wireline service company. Dump two sxs of sand on RBP w/dump bailer. RIH w/csg gun & shoot 4 sqz holes on collapse spot.
7. PU & RIH w/cementing pkr. Set pkr and establish injection rate into sqz holes. Spot 10 bbls of fresh wtr and 500 gals Xylene to btm of pkr. Set pkr. Sqz csg to 2500 psi w/60 sxs Thix-set cmt (or equivalent) followed by 100 sxs Class "G" cmt.
8. PU & RIH w/drag bit. DO cmt and press test to 2500 psi. Repeat sqz if necessary. CO cement to top of sand.
9. PU & RIH w/ 6-1/8" string mill and 4 DC's. Dress up tight spot. Press test.
10. PU & RIH w/retrieving head. Wash sand off RBP, release plug and POOH.
11. RIH w/CO tools and mill. CO 5" liner to PBTD at $\pm 11,050'$.
12. RIH w/7" treating pkr and 3-1/2" tbg. Set pkr at $\pm 9370'$. Acidize perfs from 9420' to 10,995', 270 total holes, w/8100 gals 15% HCl w/additives and 545 1.1 s.g. ball sealers. MTP 8500 psi.
NOTE; The above acid job should be designed to include:
A. All fluids to be heated to 150°F.
B. Spearhead w/250 gals Xylene.

Workover Procedure
Murdock #1-34B5
Page Three

- C. Precede acid w/125 bbls 3% KCl wtr w/10 gal per 1000 gals scale inhibitor and 105 1.1 ball sealers evenly spaced.
 - D. Acidize w/2 stages of 4050 gals 15% HCl. Each stage containing 220 1.1 BS's evenly spaced and 1 diverter stage of 1500 gals gelled saltwater w/ 1/2#/gal Benzoic acid flakes and rock salt.
13. Flow/swab back acid load.
14. Release pkr, POOH and LD 3-1/2" tbg. PU & RIH w/production equipment.

SCP:cam

CENTRAL OIL & GAS CORP.

Service Co. WESTERN # 25

Field- Altamont / Bluebell

W. - Murdoch # 1-34735

Cnty Duchesne State Utah

Date November 19, 1991

Foreman Marvin Bazzan

K.B. 26.0'

GRAN Q. FARRER

13 3/8" 68# K-55 ST4C
Set @ 254' CMT'D w/
488 SXS

CSG DATA

← @ 450' 40" K-55
Surf - 5249'
CMT'D w/ 860 SXS
CMT 13 3/8" x 9 5/8"
ANNUAL w/ 300 SXS

SIZE	WT.	GRADE	FROM	TO
13 3/8"	68"	K-55	Surf -	254'
9 5/8"	40"	K-55	Surf -	5249'
7"	26"	S-95	Surf -	10,106'
5"	18"		9882' -	11,698'

BRIEF COMPLETION SUMMARY

M.T.P. - P.O.O. w/ ports. One pump. P.T.H. - Check
GET TOP - PRESS. TEST. P.O.O. w/ ports. Top to
RELEASE 7" A/L - Conduct static Test - A/L. moving.
(may be sheared) - DIA. LOG Top - 31 x 45 - Split &
650' - Shot P.O.O. w/ Top - Hard Trouble w/ Tight
Spot - Hung up w/ P.B.G. @ 8790' - P.T.H. w/ Top
etc. to Lower Top @ 9882' - Shot off Top w/ Chemical
Cutter 15' Above 9. - P.O.O. w/ Top. Sealing. P.T.H.
Top to Tight Spot @ 8790' - Land Top - P.T.H. w/ P.B.G.
Hard off - Rig down

REPAIR - ? At Later date!

700 @ 8330'

Tight Spot is

7" @ 8790' approx.

← @ 7" 26"
Surf - 10,106'

← LTC 9882' 5" 18"

Top 9 5/8" JIS = 2'S

Bottom 200 JIS = 1'S

from DIA. LOG

(11-16-91)

7" 26" S-95 + N-80 LTC
Set at 10,106' w/ 347 SXS

PERFORATED INTERVAL (11-18-91) Fish (1981)

9420' TO 11,603'

388 TOTAL HOLES

NOTE: 118 HOLES BELOW
CIBP + 270 ABOVE

Top @ (9762')

PBTD 11050' (CIBP)

T.D. 11,698'

5" 18" N-80 SFJP LN SET
@ 11,698' w/ 354 SXS CMT. CMT
SQZ UNDER LAP w/ 50 SXS

FINAL STATUS K.B. 26.0

Checked Top - Hunter R.R. 90
296 JIS 2 1/8" 800 8741.33
1 PERFOR. JIS 2780
Steel Top 100 75

Tight Spot is 7" @ approx 8790'

2" 2 1/8" N-80 BRU 1500
Plus 45 S.S. 105
2 1/8" Top Sub 404
4 1/2" C.D. N-80 P.B.G. 31.47
4 1/2" 2 1/8" N-80 BRU 30.30

Steel Top. Plug 180
Perf'd JIS. Top 30.30
2 1/8" Top Sub 400
7" MH. States A/C. w/ Tungsten 285
SLIPS. (SHEARED ?) ALSO SITTING ON
5" LOWER TOP @ 9,882'

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT for such proposals.

6. Lease Designation and Serial Number

Patented

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

CA #9685

9. Well Name and Number

Murdock #1-34B5

10. API Well Number

43-013-30230

11. Field and Pool, or Wildcat

Altamont

1. Type of Well

☒ Oil Well☐ Gas Well☐ Other (specify)

2. Name of Operator

ANR Production Company

3. Address of Operator

P. O. Box 749

Denver, CO 80201-0749

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage

1450' FNL & 1703' FEL

Q.Q. Sec. T. R. M.

SW/NE Section 34, T2S-R5W

County : Duchesne

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate Date Work Will Start

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|--|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Date of Work Completion 2/2/92

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

• Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the repair of casing and acid job performed on the above referenced well.

RECEIVED

FEB 26 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

(State Use Only)

Title Regulatory Analyst Date 2/20/92

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MURDOCK #1-34B5 (REPAIR CSG, CO & ACDZ)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 74.93693% ANR AFE: 63851
TD: 11,700' PBD: 11,050' (CIBP)
5" LINER @ 9,882'-11,698'
PERFS: 9,420'-11,603' (WASATCH)
CWC(M\$): \$158.5

PAGE 2

1/13/92 POOH w/rod pump equip. MIRU. POOH w/rods & pump. SOOH w/2-7/8" tbg.
DC: \$3,714 TC: \$3,714

1/14/92 Swage csg. FOOH w/rod pump equip. RIH w/4-1/2" swage and BHA. Tagged tight spot @ 8875'. Swage csg.
DC: \$19,482 TC: \$23,196

1/15/92 Swage csg. POOH w/4-1/2" swage. RIH w/5-1/2" swage. Swage csg.
DC: \$4,631 TC: \$27,827

1/16/92 Swage csg. POOH w/5-1/2" swage. Run caliper log and found tight spot @ 8875'. RIH w/6-1/8" swage and swage csg @ 7958'.
DC: \$6,784 TC: \$34,611

1/17-19/92 Perf for csg sqz. Swaged tight spot @ 8875'. POOH. RIH & latch fish @ 9764'. POOH. RIH w/pkr & RBP. Set RBP @ 9362' & pkr @ 8843'. Est inj rate @ 1.5 BPM @ 1500 psi.
DC: \$16,902 TC: \$51,513

1/20/92 Cmt csg leak. Dump 2 sx sand on RBP @ 9362'. Perf 4 holes @ 8875'. RIH w/7" pkr & set @ 8662'. Est inj rate @ 2 BPM @ 1400 psi.
DC: \$5,412 TC: \$56,925

1/21/92 Trip out w/tbg. RIH & set pkr @ 8662'. Establish rate of 1 BPM @ 1600 psi. Mix and pump 100 sx Class "G". Sqz to 2250 psi. Unable to reverse out 5 bbls cmt in tbg. Pull 20 stds. Pressure csg to 2000 psi. SIFN.
DC: \$8,634 TC: \$65,559

1/22/92 Prep to DO cmt. POOH w/tbg. Last 54 jts full of cmt. PU & RIH with 6-1/8" drag bit. Tag cmt @ 8659'. SDFN.
DC: \$4,446 TC: \$70,005

1/23/92 Cont CO cmt. CO cmt from 8662' to 8870'. Last 120' soft. PU & RIH w/5-7/8" bit & 6-1/8" string mill.
DC: \$2,902 TC: \$72,907

1/24/92 Prep to rls RBP & POOH. CO cmt from 8870' to 8880'. PT sqz to 2000 psi, held. PU & RIH w/retrieving head.
DC: \$5,237 TC: \$78,144

1/27/92 Prep to CO liner to PBD. Tag sand @ 9354'. CO to RBP @ 9362'. Rls BP & POOH. PU & RIH w/4-1/8" mill & CO tools.
DC: \$4,739 TC: \$82,883

1/28/92 RIH w/3-1/2" tbg. SITP 225 psi. CO 5" liner to 11,050'. POOH w/CO tools. SIH w/pkr & 3-1/2" tbg.
DC: \$5,912 TC: \$88,795

1/29/92 Prep to acidize, 1/30/92 a.m. RIH w/MSOT 7" 10K pkr & on/off tool. Set pkr @ 9381'. PT csg to 2000 psi, held.
DC: \$4,776 TC: \$93,571

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MURDOCK #1-34B5 (REPAIR CSG, CO & ACDZ)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 74.93693% ANR AFE: 63851

PAGE 3

1/30/92 Swabbing acid load. Acidized perfs from 9,420'-10,995' (270 holes) w/8100 gals 15% HCl, 545 - 1.1 BS's, additives, BAR & RS. MTP 7600 psi, ATP 7060 psi, MTR 35 BPM, ATR 29 BPM. ISIP 400 psi, 5 min 0 psi. Good diversion. Made 12 swab trips. IFL @ 6700', FFL @ 8900'. Rec 40 bbls fluid, 20% oil in last 12 bbls. Final pH 5.
DC: \$23,360 TC: \$116,931

1/31-2/2/92 Return to production. SITP 325 psi. Made 1 swab run. FL @ 8900', 70% oil, 1.8 bbls. Rls pkr & POOH. RIH w/TAC & BHA, set TAC @ 9858'. PU & RIH w/1.5" pump & rods. Test tbg to 500 psi, held.
DC: \$16,704 TC: \$133,635

2/2/92 Pmpd 33 BO, 127 BW, 98 MCF/20 hrs.

2/3/92 Pmpd 22 BO, 136 BW, 129 MCF, 9.5 SPM.
DC: \$18,113 TC: \$151,748

2/4/92 Pmpd 27 BO, 165 BW, 104 MCF, 8.5 SPM.

2/5/92 Pmpd 38 BO, 160 BW, 108 MCF, 8.5 SPM.

Prior prod: 0 BO, 0 BW, 0 MCF. Final report.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

Patented

Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

CA #9685

9. Well Name and Number

Murdock #1-34B5

10. API Well Number

43-013-30230

11. Field and Pool, or Wildcat

Altamont

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT—for such proposals.

Type of Well

☒ Oil Well☐ Gas Well☐ Other (specify)

2. Name of Operator

ANR Production Company

3. Address of Operator

P. O. Box 749 Denver, CO 80201-0749

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage 1450' FNL & 1703' FEL
CO. Sec. T. R. M. SW/NE Section 34, T2S-R5W

County : Duchesne

State : UTAH

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
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| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | Annual Status Report |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

• Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The above referenced well had collapsed casing and was repaired and put back into producing status February 2, 1992.

RECEIVED

MAR 19 1992

DIVISION OF
OIL, GAS & MINING

I hereby certify that the foregoing is true and correct.

Name & Signature

State Use Only)

Title Regulatory Analyst Date 3/16/92

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells; deepen existing wells; or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT for such proposals.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number Patented
2. Name of Operator ANR Production Company		7. Indian Allottee or Tribe Name N/A
3. Address of Operator P.O. Box 749, Denver, CO 80201-0749		8. Unit or Communitization Agreement CA #9685
4. Telephone Number (303) 573-4476		9. Well Name and Number Murdock #1-34B5
5. Location of Well Footage : 1450' FNL & 1703' FEL Q.Q. Sec. T., R., M. : SW/NE Section 34, T2S-R5W		10. API Well Number 43-013-30230
County : Duchesne State : UTAH		11. Field and Pool, or Wildcat Altamont
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA.		

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|--|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate Date Work Will Start July 1, 1992

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
• Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached procedure to clean out, perf and acidize the above-referenced well.

6-12-92
[Signature] **RECEIVED**

JUN 11 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

(State Use Only)

[Signature: Gilman Kamm Wey]
Gilman Kamm Wey

Title Regulatory Analyst Date 6/8/92

WORKOVER PROCEDURE

MURDOCK #1-34B5
Section 34, T2S, R5W
Altamont Field
Duchesne County, Utah

WELL DATA

Location: 1450' FNL & 1703' FEL of Section 34
Elevation: 5857' KB, 5831' GL
Total Depth: 11,700'
PBD: 11,050' (CIBP set on 10/16/80)
Casing: 13-3/8" 68# K-55 ST&C, set at 254' w/488 sx
9-5/8" 40# K-55 ST&C, set at 5249' w/1160 sx
7" 26# S-95 & N-80 LT&C, set at 10,106' w/347 sx
5" 18# SFJP liner set at 11,698' w/404 sx. Top of 5" liner at 9882'.
Tubing: 2-7/8" 6.5# N-80 EUE
Packer: Baker "C" Fullbore Retrievable Cementer set at 9299'.
Tubular Data:

Description	ID	Drift	Capacity	Burst	Collapse
			B/F	(PSI)	(PSI)
13-3/8" 68# K-55 ST&C	12.415"	12.259"	0.1497	3450	1950
9-5/8" 40# K-55 ST&C	8.835"	8.679"	0.0758	3950	2570
7" 26# S-95/N-80 LT&C	6.276"	6.151"	0.0382	8600/7240	7800/5410
5" 18# SFJP N-80 Liner	4.276"	4.151"	0.0177	10140	10490
2-7/8" 6.5# N-80 EUE	2.441"	2.347"	0.00579	10570	11160

WELL HISTORY

December 1973: Initial completion in Wasatch from 9979' to 11,603', 1 SPF, 76 holes, acidized w/23,750 gals 15% HCl. Flowed 733 BOPD, 1165 MCFPD and 3 BWPD.

February 1975: Acidized w/3500 gals 15% HCl.

February 1976: Perf from 11,344' to 11,442', 1 SPF, 90 holes. Acidized 9979' to 11,603' w/29,500 gals 15% HCl.
Before: Flowing 163 BO, 192 BW, 153 MCF on a 25/64" choke w/FTP of 150 psi.
After: Flowing 98 BO, 299 BW, 130 MCF on a 20/64" choke w/FTP of 0 psi.

April 1976: Install beam pump.
Before: Flowing 140 BOPD, 118 BWPD, 320 MCFPD.
After: Pumping 151 BOPD, 288 BWPD, 412 MCFPD.

October 1980: Perf from 9420' to 10,995', 3 SPF, 222 holes, set CIBP @ 11,050'. Acidize perfs from 9420' to 10,995', 270 holes w/39,000 gals 7-1/2" HCl.
Before: On pump 35 BOPD, 280 BWPD, 255 MCFPD.
After: Flowed 579 BOPD, 0 BWPD, 811 MCFPD on 24/64" choke w/FTP of 500 psi.

Workover Procedure
Murdock #1-3485
Page Two

May 1987: Acidize perms from 9420' to 10,995', 222 holes w/25,116 gals 15% HCl.
Before: Flowing 16 BOPD, 94 MCFPD, 12 BWPD.
After: Flowing 380 BOPD, 249 MCFPD on a 20/64" choke and FTP of 300 psi.

June 1987: Place on pump.

January 1992: Repair csg damage @ 8875'. Acidize perms from 9420' to 10,995', 270 total holes w/8100 gals 15% HCl.
Before: 0
After: 38 BOPD, 160 BWPD, 108 MCFPD

PRESENT STATUS: SI on April 14, 1992 w/uneconomical production, 2 BOPD, 239 BWPD, 2 MCFPD

PROCEDURE

1. MIRU service rig. Kill well if necessary. ND wellhead and NU BOPE. Stand back rods and tubing.
2. PU & RIH w/4-1/8" mill to PBTD @ $\pm 11,050'$. Attempt to circ to surf. Mill out CIBP @ 11,050' and CO 5" csg to orig PBTD @ $\pm 11,655'$.
3. RU wireline service company. PU & RIH w/3-1/8" csg gun, 3 SPF, 120° phasing and perforate the Wasatch from 9924' to 11,649', 105 settings, 315 total holes per the attached prog. PU & RIH w/4" csg gun, 3 SPF, 120° phasing and perforate from 9384' to 9878', 23 settings, 69 total holes per the attached prog.
4. RIH w/7" HD treating pkr and 3 1/2" tbg. Set pkr @ $\pm 9300'$. Acidize perms from 9384' to 11,649', 772 total holes (388 old, 384 new) w/23,200 gals 15% HCl w/additives and 1202 1.1 s.g. ball sealers and specified additives. MTP 8500 psi.
NOTE: This acid job should be designed to include:
A) All fluids to be heated to 150°F.
B) Precede acid w/250 bbls 3% KCl wtr w/10 gals per 1000 gals scale inhibitor and 350 1.1 BS's evenly spaced.
C) Acidize w/4 stages of 5800 gals 15% HCl each containing 213 1.1 s.g. BS's and 3 diverter stages of 1500 gals gelled saltwater w/1/2 ppg Benzoic acid flakes and rock salt.
D) Xylene is not required for this job.
5. Flow/swab back acid load.
6. Release pkr. POOH and LD 3 1/2" tbg. PU & RIH w/production equipment. Return on line.

SCP:cam

Greater Altamont Field
 ANR - Murdock #1-34B5
 NE/4 Section 34, T2S-R5W
 Duchesne County, Utah

Perforation Schedule

Depth Reference: Schlumberger BHC Sonic Runs 1, 2, (7/27/73, 8/9/73)

11649	11258	10985	10639	10337	10002	9664
11633	11227	10979	10631	10332	9969	9596
11623	11217	10962	10594	10310	9965	9547
11614	11211	10948	10585	10295	9936	9450
11598	11205	10944	10577	10256	9924	9445
11592	11195	10935	10532	10246	9878	9409
11574	11174	10929	10530	10241	9863	9399
11569	11162	10921	10524	10230	9854	9384
11564	11151	10916	10517	10214	9851	
11553	11106	10903	10507	10202	9816	
11532	11097	10894	10499	10183	9810	
11525	11090	10883	10480	10178	9794	
11519	11073	10870	10467	10172	9769	
11503	11066	10853	10463	10163	9756	
11472	11064	10844	10454	10157	9744	
11461	11049	10818	10443	10153	9741	
11456	11021	10734	10438	10125	9724	
11320	11012	10715	10430	10111	9717	
11307	11007	10711	10388	10103	9707	
11280	11002	10707	10353	10026	9676	

Gross Wasatch Interval 9,384'-11,649' 128 feet, 84 zones

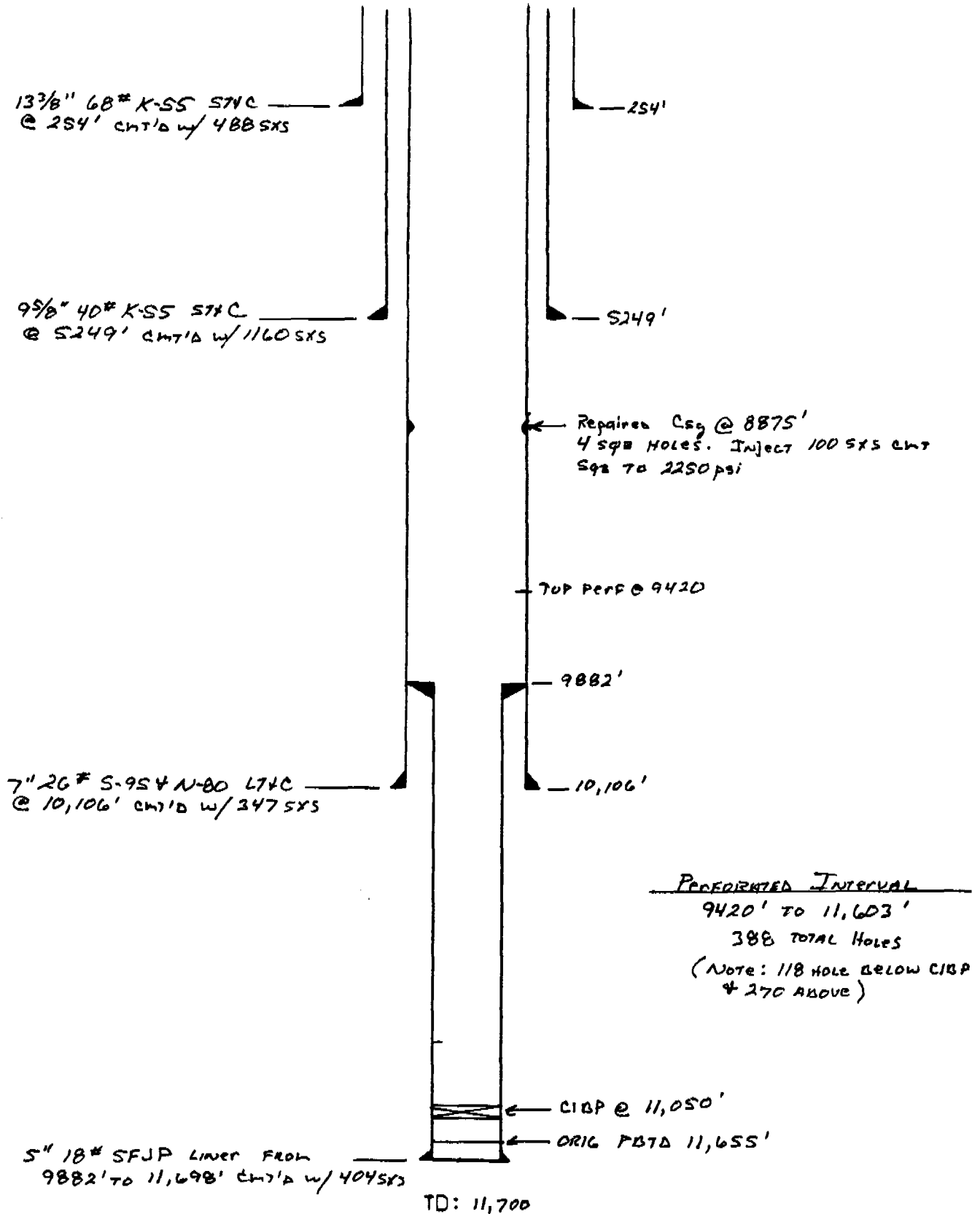
R5-
 RJL
 3/18/92

PRESENT WELLBORE SCHEMATIC

MURDOCK #1-3485

S.C. Prutch

5/15/92



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells; deepen existing wells; or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number Patented
2. Name of Operator ANR Production Company		7. Indian Allottee or Tribe Name N/A
3. Address of Operator P.O. Box 749 Denver, CO 80201-0749		8. Unit or Communitization Agreement CA #9685
4. Telephone Number (303) 573-4476		9. Well Name and Number Murdock 1-34B5
5. Location of Well Footage : 1450' FNL & 1703' FEL Q.Q. Sec. T., R., M. : SW/NE Section 34, T2S, R5W		10. API Well Number 43-013-30230
		11. Field and Pool, or Wildcat Altamont
		County : Duchesne State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Change of Plans	<input checked="" type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other	
<input type="checkbox"/> Other			
Approximate Date Work Will Start _____		Date of Work Completion 9/18/92	
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.			

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the clean out, perf & acid job performed on the above-referenced well.

RECEIVED

OCT 16 1992

DIVISION OF
OIL GAS & MINING

I hereby certify that the foregoing is true and correct

Signature: *Cheryl A. Bailey* Title: Regulatory Analyst Date: 10/13/92

Use Only: _____

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MURDOCK #1-34B5 (CO, PERF & ACIDIZE)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 74.93693% ANR AFE: 64078
TD: 11,700' (WASATCH)
CSG: 5" LINER @ 9,882'-11,698'
PERFS: 9,384'-11,603' (WASATCH)
CWC(M\$): 126.7

PAGE 4

- 9/8/92 POOH w/tbg. MIRU. POOH w/107 - 1", 110 - 7/8", 167 - 3/4", 2 - 1", LD pump. Rls 7" anchor. Install BOP's. Pump 690 bbls prod wtr down csg, try to get circ @ 5 BPM.
DC: \$4,076 TC: \$4,076
- 9/9/92 Prep to drill on CIBP @ 11,050'. POOH w/325 jts 2-7/8", BHA & CO tools on 2-7/8" tbg.
DC: \$3,284 TC: \$7,360
- 9/10/92 RIH w/mill. PU 4 jts 2-7/8", tag fill @ 11,047'. RU swivel. Drill & stroke to 11,050', tag CIBP. Mill on BP 2 hrs, fell thru. RIH to 11,468', stack out. RU swivel, mill & stroke to 11,514'. Started getting sticky, mill plugged up, bailer won't work. POOH w/375 jts 2-7/8", CO tools & 4-1/8" mill. Last jt was plugged w/metal and scale. Btm flapper & mill plugged. Mill had a piece of CIBP slip wedged 6" up. SDFN.
DC: \$6,793 TC: \$14,153
- 9/11/92 POOH w/2-7/8". Bleed off well. RIH w/4-1/8" bladed mill, flapper, 2 jts 2-3/8", flapper, 38 jts 2-3/8", bailer, 16 jts 2-3/8", XO, 325 jts 2-7/8". RU swivel. Stroke & mill to 11,524' (acts tight like csg problem or dog leg). Drill to 11,529'. Unable to get deeper than 11,524'. Rotate to 11,529'. LD swivel, POOH to 11,200'. SDFN @ 6:00 p.m. Leave csg open to treater.
DC: \$4,791 TC: \$18,944
- 9/12/92 Prep to perforate. Bleed off well, osl press. POOH w/2-7/8", 16 jts 2-3/8", bailer (stuck open), 38 jts 2-3/8" wet, flapper, 2 jts 2-3/8", flapper, mill. Last 5 jts 2-3/8" were full of hard clay with metal pieces. Mill looked OK, some wear. SD, leave csg open to trtr @ 1:30 p.m.
DC: \$2,216 TC: \$21,160
- 9/14/92 RIH w/7" pkr. Bleed off well - slight blow. OWP to perforate.

Run #	Depth	Feet	Holes	PSI	FL
1	11,503'-11,007'	26	78	0	6100'
2	11,002'-10,594'	24	72	0	6100'
3	10,585'-10,295'	21	63	0	6100'
4	10,256'-9,924'	21	63	0	6100'
5	9,878'-9,724'	12	36	0	6100'
6	9,717'-9,384'	11	33	0	6100'
Total		115	345		

RD OWP. Change equip to 3-1/2". Leave csg open to treater.
DC: \$16,091 TC: \$37,251

- 9/15/92 Acidz well. Check press. Slight blow. RIH w/7" HD pkr, XO, 303 jts 3-1/2" tbg. (Tag tight spot @ ±8890', fall thru.) Set pkr @ 9290'. Fill csg w/175 bbls prod wtr. Try to PT. Press to 2000 psi. Bled to 900 psi in 15 min. Get inj rate - 1/2 BPM, 1800 psi, pmpd 5 bbls. Bleed off. Rls pkr. POOH w/14 jts 3-1/2". Pull 15,000# over string wt to get thru tight spot. Set pkr @ 8802' w/35,000# compression. Fill csg w/135 bbls prod wtr. PT to 2000 psi. Hold 15 min, good. Bleed off. Rls pkr. RIH to 9290' (work thru tight spot). Set pkr w/35,000# compression. Took 95 bbls to fill csg. PT to 2000 psi. Bled off as before. CWI-SDFN @ 7:00 p.m.
DC: \$7,439 TC: \$44,690

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MURDOCK #1-3485 (CO, PERF & ACIDIZE)
ALTAMONT/BLUEBELL FIELD
DUCESNE COUNTY, UTAH
WI: 74.93693% ANR AFE: 64078

PAGE 5

9/16/92 LD 3-1/2" tbg. RU Smith. Acidize perfs 9384'-11,503', 731 holes w/23,200 gal 15% HCl w/additives, BAF, rock salt, 4-stage of acid 5800 gal, 3 diverter stages, 1202 - 1.1 G.R. BS's. Avg press 7900 psi, max press 8600 psi, avg rate 33 BPM, max rate 35 BPM. ISIP 2210#, 15 min 100#. Diversion Excellent. Total load 1055 bbls. Make 13 swab runs, FL 6000', 10% oil, 108 bbls swbd. 947 BLWTBR. Rls 7" pkr, LD 25 jts 3-1/2".
DC: \$52,725 TC: \$97,415

9/17/92 Prep to set anchor. LD 3-1/2" & 7" pkr. RIH w/7" B-2 anchor catcher, 4-1/2" PBGA & 325 jts 2-7/8".
DC: \$4,290 TC: \$101,705

9/18/92 Well on production. RD floor, remove BOP's. Set 7" anchor @ 9858' w/19,000# tension. Change equip to rods. RIH w/Highland 2-1/2 x 1-1/2 x 26-1/2' RHBC 239" stroke, 2 - 1", 167 - 3/4", 110 - 7/8", 107 - 1". Seat pump, space out. RD, clean location.
DC: \$7,457 TC: \$109,162

9/18/92 Pmpd 0 BO, 84 BW, 23 MCF/19 hrs, 9.5 SPM.

9/19/92 Pmpd 0 BO, 107 BW, 1 MCF/16 hrs. Down 8 hrs - motor overtemp.

9/20/92 Pmpd 7 BO, 139 BW, 11 MCF/20 hrs. Down 4 hrs - motor overtemp.

9/21/92 Pmpd 0 BO, 53 BW, 13 MCF/8 hrs. Down 16 hrs - motor overtemp, replace motor.

9/22/92 Pmpd 2 BO, 179 BW, 5 MCF/20 hrs. Down 4 hrs - install new motor.

9/23/92 Pmpd 11 BO, 186 BW, 10 MCF, 9.5 SPM.

9/24/92 Pmpd 8 BO, 56 BW, 8 MCF/18 hrs, 9.5 SPM. Down 6 hrs - power outage.

9/25/92 Pmpd 0 BO, 170 BW, 3 MCF.

9/26/92 Pmpd 3 BO, 192 BW, 6 MCF.

9/27/92 Pmpd 0 BO, 162 BW, 3 MCF.

9/28/92 Pmpd 3 BO, 238 BW, 0 MCF, 9.5 SPM.

9/29/92 Pmpd 0 BO, 251 BW, 0 MCF.

9/30/92 Pmpd 0 BO, 253 BW, 28 MCF. Final report - workover unsuccessful.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

ANR Production Company

3. Address and Telephone Number:

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well

Footages: 1450' FNL & 1703' FEL

QQ, Sec., T., R., M.: SW/NE Section 34, T2S-R5W

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

CA #9685

8. Well Name and Number:

Murdock #1-34B5

9. API Well Number:

43-013-30230

10. Field and Pool, or Wildcat:

Altamont

County: Duchesne

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|---|
| <input checked="" type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start 3/3/93

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached procedure to plug and abandon the above referenced well.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 2-19-93
BY: [Signature]
as per attached slips

RECEIVED

FEB 16 1993

DIVISION OF
OIL, GAS & MINING

13.

Name & Signature:

[Signature]
Eileen Danni Day

Title: Regulatory Analyst

Date: 2/5/93

(This space for State use only)

PLUG AND ABANDONMENT

MURDOCK #1-34B5
Section 34, T2S, R5W
Altamont Field
Duchesne County, Utah

WELL DATA

Location: 1450' FNL & 1703' FEL of Section 34
Elevation: 5857' KB, 5831' GL
Total Depth: 11,700' PBD:11,529'
Casing: 13-3/8" 68# K-55 ST&C, set at 254' w/488 sx
9-5/8" 40# K-55 ST&C, set at 5249' w/1160 sx
7" 26# S-95 & N-80 LT&C, set at 10,106' w/347 sx
5" 18# SFJP liner set at 11,698' w/404 sx. Top of 5" liner at 9882'.
Tubing: 2-7/8" 6.5# N-80 EUE
Tubular Data:

Description	ID	Drift	Capacity B/F	Burst (PSI)	Collapse (PSI)
13-3/8" 68# K-55 ST&C	12.415"	12.259"	0.1497	3450	1950
9-5/8" 40# K-55 ST&C	8.835"	8.679"	0.0758	3950	2570
7" 26# S-95/N-80 LT&C	6.276"	6.151"	0.0382	8600/7240	7800/5410
5" 18# SFJP N-80 Liner	4.276"	4.151"	0.0177	10140	10490
2-7/8" 6.5# N-80 EUE	2.441"	2.347"	0.00579	10570	11160

WELL HISTORY

December 1973: Initial completion in Wasatch from 9979' to 11,603', 1 SPF, 76 holes, acidized w/23,750 gals 15% HCl. Flowed 733 BOPD, 1165 MCFPD and 3 BWPD.

February 1975: Acidized w/3500 gals 15% HCl.

February 1976: Perf from 11,344' to 11,442', 1 SPF, 90 holes. Acidized 9979' to 11,603' w/29,500 gals 15% HCl.
Before: Flowing 163 BO, 192 BW, 153 MCF on a 25/64" choke w/FTP of 150 psi.
After: Flowing 98 BO, 299 BW, 130 MCF on a 20/64" choke w/FTP of 0 psi.

April 1976: Install gas lift.
Before: Flowing 140 BOPD, 118 BWPD, 320 MCFPD.
After: Pumping 151 BOPD, 288 BWPD, 412 MCFPD.

October 1980: Perf from 9420' to 10,995', 3 SPF, 222 holes, set CIBP @ 11,050'. Acidize perfs from 9420' to 10,995', 270 holes w/39,000 gals 7-1/2" HCl.
Before: On pump 35 BOPD, 280 BWPD, 255 MCFPD.
After: Flowed 579 BOPD, 0 BWPD, 811 MCFPD on 24/64" choke w/FTP of 500 psi.

May 1987: Acidize perfs from 9420' to 10,995', 222 holes w/25,116 gals 15% HCl.
Before: Flowing 16 BOPD, 94 MCFPD, 12 BWPD.
After: Flowing 380 BOPD, 249 MCFPD on a 20/64" choke and FTP of 300 psi.

Plug and Abandonment Procedure
Murdock #1-3485
Page Two

June 1987: Place on pump.

January 1992: Repair csg damage @ 8875'. Acidize perfs from 9420' to 10,995', 270 total holes w/8100 gals 15% HCl.
Before: 0
After: 38 BOPD, 160 BWPD, 108 MCFPD

September 1992: DO CIBP @ 11,050'. CO wellbore to 11,529'. Perf Wasatch from 9384' to 11,503', 3 SPF, 345 total holes. Acidize perfs from 9384' to 11,503' w/23,200 gals 15% HCl.
Prior Production: 2 BOPD, 239 BWPD, 2 MCFPD
After Workover: 0 BOPD, 253 BWPD, 28 MCFPD

Present Status: Shut in. Last production 11/22/92: 0 BOPD, 237 BWPD, 10 MCFPD

PROCEDURE

1. MIRU service rig. NU BOPE, POOH and LD rods. Send all EL rods in for inspection. Retire all Norris rods. Release TAC and POOH w/tbg.
2. PU 7" 26# cmt retainer down 2-7/8" tbg and RIH. Set retainer @ \pm 9220'. Circ hole clean. Pump 50 sxs C1 "G" cmt below retainer and spot 75 sxs C1 "G" cmt on top of retainer. Total plug from \pm 8820' to \pm 9490'. Circ hole w/9.0# mud. Press test 7" csg to 1000 psi.
3. RU wireline service company. Perforate 4 SPF at 5400'. Set cmt retainer on 2-7/8" tbg at \pm 5249'. Pump 51 sxs cmt through perfs and up 7" x 8 3/4" annulus and 7" x 9-5/8" annulus. Also pump 29 sxs below C1CR (total 80 sxs cmt below C1CR). Spot 41 sxs cmt on top of retainer. Total cmt plug from 5030' to 5400'.
4. RIH and perforate 4 SPF at 2820'. Establish circ. Pump 14 sxs cmt through perfs and up 7" x 9-5/8" annulus. Leave 100' plug in 7" csg from 2820' to 2720' (19 sxs).
5. RIH and perforate 7" csg, 4 SPF at 370'. Establish circ. Pump 125 sxs cmt down 7" csg and up 7" x 9-5/8" annulus to surface.
6. Fill 13-3/8" x 9-5/8" annulus with cmt from 370' to surface, approx 108 sxs.
7. Weld DHM to 7" csg w/necessary inscription. RDMO, restore location as required.

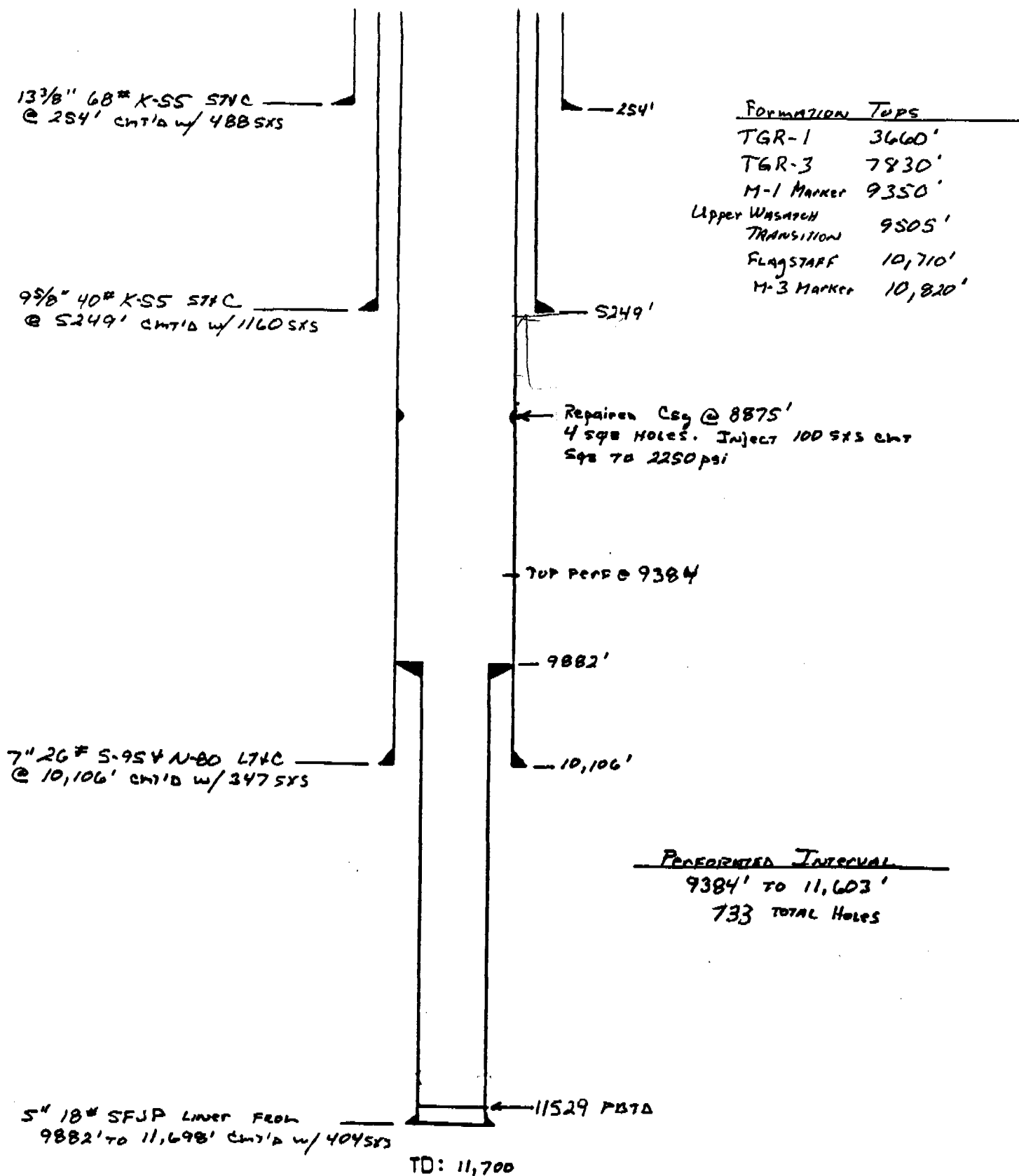
SCP:cam

PRESENT WELLBORE SCHEMATIC

MURDOCK #1-3485

S.C. Prutch

12/9/92



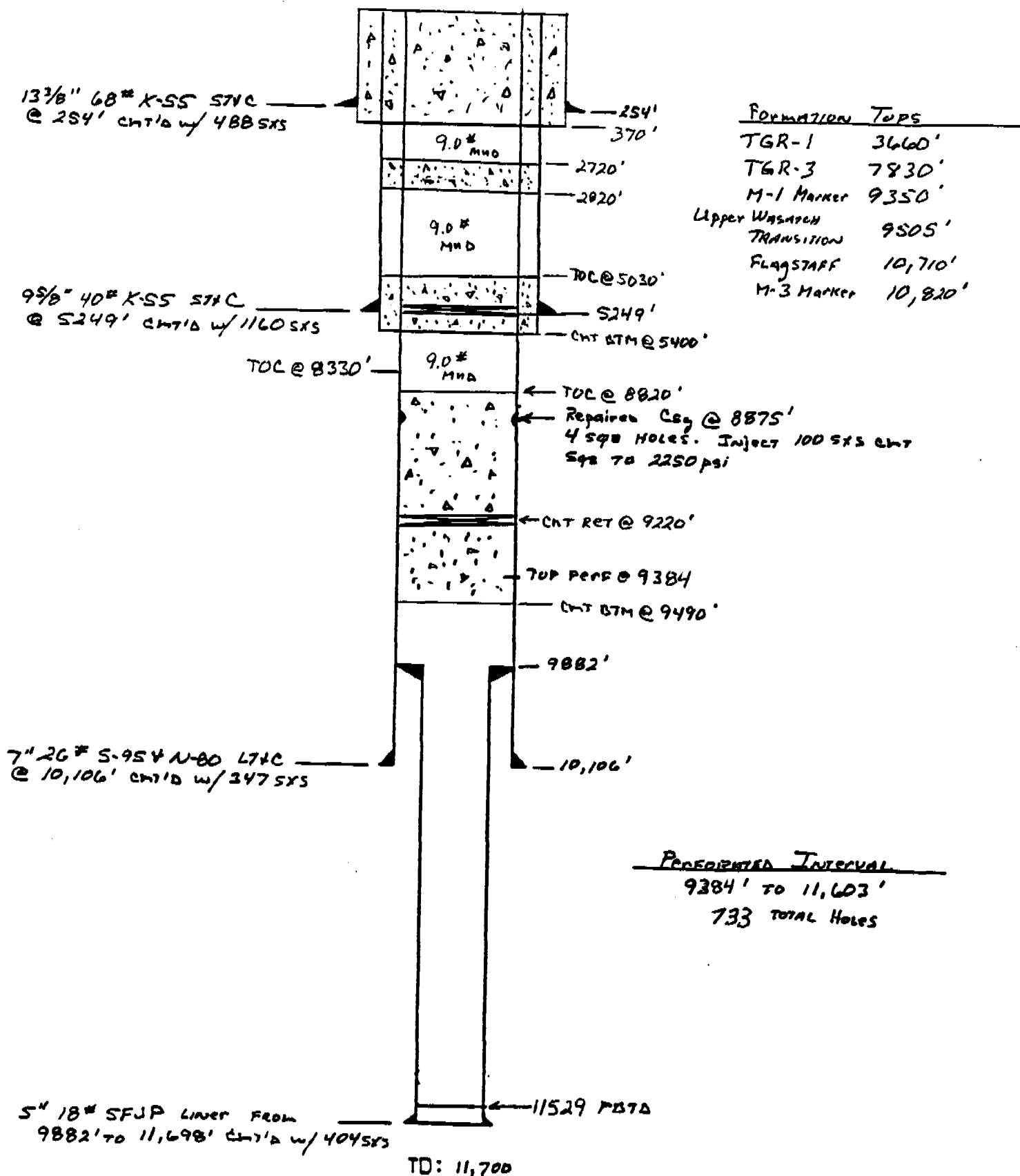
PROPOSED WELLBORE SCHEMATIC

MURDOCK #1-3485

P & A

S.C. Prutch

12/9/92



STIPULATIONS FOR PLUGGING

**Murdock #1-34B5
Section 34-T2S-R5W
Duchesne County, Utah
API #43-013-30230**

February 22, 1993

In step No. 3, it is not necessary to perforate casing at 5400'. Set a 200' balanced plug across the repaired casing from ± 8975 to $\pm 8775'$ and tag plug.

Set 100' balanced plug across shoe of 9 5/8" casing 50' in and 50' out of shoe.

In step No. 4 do not perforate. Set 100' balanced plug across shoe of 13 3/8" from $\pm 304'$ to $\pm 204'$.

In step No. 5 it is not necessary to perforate.

In step No. 6 fill all annuli with 100' cement plugs and 100' surface plug in 7".

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JUN 01 1993

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ABANDONMENT OPERATIONS

DIVISION OF
OIL, GAS & MINING

COMPANY NAME: ANR PRODUCING COMPANY

WELL NAME: MURDOCK #1-34B5

QTR/QTR: SW/NE SECTION: 34 TOWNSHIP: 2S RANGE: 5W

COUNTY: DUCHESNE API NO: 43-013-30230

CEMENTING COMPANY: BASIN CONCRETE WELL SIGN: YES

INSPECTOR: DENNIS INGRAM TIME: 7:00 AM DATE: 5/20/93

CEMENTING OPERATIONS: PLUGBACK: SQUEEZE: P&A WELL: YES

SURFACE PLUG: #360 FEET INTERMEDIATE PLUG: 2710' TO 2910'

BOTTOM PLUG SET @: 9215 WIRELINE: MECHANICAL: YES

PERFORATIONS: SQUEEZE PRESSURE: SHOWED 400 PSI

CASING SIZE: SURFACE: 9 5/8" PRODUCTION: 7"
GRADE: SURFACE: K-55 PRODUCTION: N-80

PRODUCTION CASING TESTED TO: PSI TIME: MIN:

SLURRY INFORMATION: (INCLUDE NO. OF SACKS CLASS AND ADDITIVES)

- 12 JOINTS TUBING
1. SURFACE PLUG: PUMPED 75sks CLASS "G" @360 FEET (CEMENT SURFACE FULL).
97 JOINTS TUBING
2. INTERMEDIATE PLUG: PUMPED 75sks CLASS 'G' @2910 (15 BBL SLURRY)
3. BOTTOM PLUG: SQUEEZED 75 sks CLASS 'G' CEMENT @ RETAINER (9215).
4. CEMENT ON TOP OF PLUG: PUMPED 50 sks CLASS 'G' ON TOP OF RETAINER.
178 JOINTS TUBING
5. CASING STUB: PUMPED 125sks CLASS 'G' IN CASING STUB.
6. FLUID IN WELL BORE: 9.0 PPG MUD

ABANDONMENT MARKER SET:

PLATE: YES PIPE: CORRECT INFORMATION: YES

REHABILITATION COMPLETED: NO

COMMENTS: CUTT-OFF 7" CASING @5295 & RETRIEVED 122 JOINTS. STUNG INTO STUB W/5340 FEET TUBING (178 JOINTS) & PUMPED CEMENT SLURRY. AFTER SURFACE PLUG, TOPPED OFF W/CLASS 'G' & INSTALLED PLATE MARKER (PHOTOED).

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

ANR Production Company

3. Address and Telephone Number:

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well

Footages: 1450' FNL & 1703' FEL

QQ, Sec., T., R., M.: SW/NE Section 34, T2S-R5W

5. Lease Designation and Serial Number:

Patented

6. If Indian, Aliottee or Tribe Name:

N/A

7. Unit Agreement Name:

CA #9685

8. Well Name and Number:

Murdock #1-34B5

9. API Well Number:

43-013-30230

10. Field and Pool, or Wildcat:

Altamont

County: Duchesne

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input checked="" type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion 5/21/93

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history, cement verification report and wellbore schematic for the plug and abandonment operations performed on the above referenced well.

RECEIVED

JUN 21 1993

DIVISION OF
OIL, GAS & MINING

13.

Name & Signature:

Eileen Danni Dey

Title: Regulatory Analyst

Date: 6/18/93

(This space for State use only)

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

MURDOCK #1-34B5 (P&A)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 74.93693% ANR AFE: 64487
TD: 11,700' (WASATCH)
CSG: 5" LINER @ 9,882'-11,698'
CWC(M\$): 54.1

PAGE 6

5/18-21/93 Well P&A'd. MIRU J. W. Gibson Well Service on 5/18/93. POH & LD rods & pump. ND WH, NU BOP. POH w/16 stds 2-7/8". TAC hung up in collar, could not POH. Cut off TAC 1-jt above SN. TOH. RIH w/CICR on tbg, set @ 9215'. Squeeze Wasatch perms @ 9,384'-11,603' w/50 sx (15.6 ppg, 1.04 yield) cmt below retainer, 75 sx above from 8960'-9215'. Circ hole w/9 ppg mud. POH w/tbg. RU WL, pipe stuck @ 5500', cut 7" csg @ 5300'. LD 7" csg. NU BOP. RIH w/open ended tbg. Spot 125 sx @ 5065'-5340'. POH & spot 75 sx cmt @ 2710'-2910'. POH & spot 75 sx cmt @ sfc to 360'. Cut off WH & csg BGL. Spot 30 sx cmt @ sfc & annulus. Weld on plate. P&A witnessed by Dennis Ingram, State of Utah. Well P&A'd 5/21/93. Final report.
DC: \$28,857 TC: \$28,857

07560

DATE 5-22-93

CUSTOMER Constel Oil & Gas

10027

WELL/LEASE Murdock 1-34-B5

STATE CT

44

De 5

BILL TO ADDRESS:

WORK
ORDER #

TIME	TO	AREA
START	FINISH	

FIELD

PRICE SCHEDULE	
-------------------	--

741

RIG
NO

125

TIME		DESCRIPTION	HO REVENUE
FROM	TO		
		Goodland Service TO PTA Murdoch 1-3485	
		S-TR-Tanner @ 9215' Spot 125 Sack Ball Valve plug	
		Form 9215 to 8960' - Cut casing @ 5300' Spot	
		75 sack From 5340' to 5065' TON TO 2920' Spot	
		75 Sack plug From 2910 to 2710 TON TO 360'	
		Pump 75 Sack plug TO 100' From Surface cut	
		Well head off top of	
		Well Bore with Cement	
		Weld on plate	
		Ris down mud off	

	NO.	SIZE	NO.	SIZE	NO.	SIZE				
RODS PULLED										
TUBING PULLED										
TUBING RAN							ENGINE SIZE		WELL DEPTH	
RODS RAN							1 COMPLETION <input type="checkbox"/>	2 WORKOVER <input type="checkbox"/>	3 MAINTENANCE <input type="checkbox"/>	OTHER <input type="checkbox"/>

EQUIPMENT	ITEM #	CC	DESCRIPTION				PRICE	ITEM NO.	QUANTITY	SIZE	PRICE	ACCT 30001 ITEM NO.
SANDLINE CHARGE								SWAB CUPS				
PERMITS								SWAB CUPS				PIO
PUMP			PE-5	TEE-5	PA-8			SWAB CUPS				CREW TRAVEL
BOP								OIL Saver RUBBER				
TANK			WATER	SWAB	FRAC.			ROD WIPER RUBBER				EXTRA LABOR
POWER SWIVEL			50	75	150			ROD STRIPPERS				FUEL
AIR HEATER			HOURS →					RAM RUBBERS				
SPECIAL EQUIPMENT								TUBING WIPER RUBBER				TOOL PUSHER
SPECIAL EQUIPMENT								TUBING STRIPPER RUBBER				CREW SUBSIST
TUBING STRIPPER								THREAD DOPE			999700	
LT PLANT								PAINT			32007	
FISHING TOOLS												↓ ESTIMATE SUB-TOTAL
RENTALS 3RD PARTY												
RENTALS GIBSON												24,90

24, 90

~~CP~~

MAY 26 1993

OPERATOR

HOURS

FLOOR NAME:

DERRICKMAN

HOURS

NAME: _____

FLOOR HAND

HOURS

NAME:

SIGNATURE - CUSTOMER REPRESENTATIVE

SIGNATURE - GIBSON SUPERVISOR

27085

COASTAL OIL & GAS
MURDOCK 1-24 BS

Top off w/ 30 Sacks Cement

Could NOT Pump into 13 3/4" x 9 5/8" Annulus

75 Sack Balance Plug

75 Sacks on top of retainer

50 Sacks Under

